



October 7, 2005

Secor International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

ATTN: MR. RUSTY BENKOSKY

SITE: FORMER BP OIL 11249
1300 FARMERS LANE
SANTA ROSA, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

This Quarterly Monitoring Report for Former BP Oil 11249 is being sent to you for your review and comment. If no comments are received by **October 14, 2005**, copies of this report will be sent to you for distribution

Please send all comments to me at cherrera@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7345.

Sincerely,

TRC



Christina Carrillo
Technical Writer

A handwritten signature in black ink, appearing to read "Christina Carrillo". Below the signature, the name "Christina Carrillo" is printed in a standard black font, followed by the title "Technical Writer" in a smaller font.



October 7, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

SITE: FORMER BP OIL 11249
1300 FARMERS LANE
SANTA ROSA, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

Dear Ms. Lathrop:

Please find enclosed our Quarterly Monitoring Report for Former BP Oil 11249, located at 1300 Farmers Lane, Santa Rosa, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

A handwritten signature in black ink, appearing to read "Anju Farfan".

Anju Farfan
QMS Operations Manager

CC: Mr. Rusty Benkosky, Secor International, Inc. (5 copies)

Enclosures

20-0400/11249R08.QMS



**QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005**

Former BP Oil 11249
1300 Farmers Lane
Santa Rosa, California.

Prepared For:

Ms. Shelby Lathrop
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

A handwritten signature of "Dennis E. Jensen" is written across a circular official seal. The seal is for the "CERTIFIED ENGINEERING GEOLOGIST" of the "STATE OF CALIFORNIA". It includes the name "DENNIS E. JENSEN", the number "No. EG 1034", and the expiration date "Exp. 4/05".

Senior Project Geologist, Irvine Operations
October 4, 2005

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Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities

July 2005 through September 2005

Former BP Oil 11249

1300 Farmers Lane

Santa Rosa, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**

Water Sampling Contractor: **TRC**
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **08/23/05**

Sample Points

Groundwater wells: **11** onsite, **2** offsite Wells gauged: **11** Wells sampled: **11**

Purging method: **Diaphragm/submersible pump**

Purge water disposal: **Onyx/Rodeo Unit 100**

Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**

LPH removal frequency: **n/a** Method: **n/a**

Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **12.28 feet** Maximum: **15.25 feet**

Average groundwater elevation (relative to available local datum): **186.97 feet**

Average change in groundwater elevation since previous event: **-2.85 feet**

Interpreted groundwater gradient and flow direction:

Current event: **0.02 ft/ft, northwest**

Previous event: **0.02 ft/ft, north (05/24/05)**

Selected Laboratory Results

Wells with detected **Benzene**: **2** Wells above MCL (1.0 µg/l): **0**

Maximum reported benzene concentration: **0.3 µg/l (MW-3)**

Wells with **TPH-G** **1** Maximum: **55 µg/l (MW-7)**

Wells with **MTBE** **7** Maximum: **30 µg/l (MW-7)**

Notes:

MW-9D=Paved over, MW-9S=Paved over,

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	= not analyzed, measured, or collected
LPH	= liquid-phase hydrocarbons
Trace	= less than 0.01 foot of LPH in well
$\mu\text{g/l}$	= micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	= milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	= not detected at or above laboratory detection limit
TOC	= top of casing (surveyed reference elevation)

ANALYTES

BTEX	= benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	= di-isopropyl ether
ETBE	= ethyl tertiary butyl ether
MTBE	= methyl tertiary butyl ether
PCB	= polychlorinated biphenyls
PCE	= tetrachloroethene
TBA	= tertiary butyl alcohol
TCA	= trichloroethane
TCE	= trichloroethene
TPH-G	= total petroleum hydrocarbons with gasoline distinction
TPH-D	= total petroleum hydrocarbons with diesel distinction
TPPH	= total purgeable petroleum hydrocarbons
TRPH	= total recoverable petroleum hydrocarbons
TAME	= tertiary amyl methyl ether
1,1-DCA	= 1,1-dichloroethane
1,2-DCA	= 1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	= 1,1-dichloroethene
1,2-DCE	= 1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (D_p x LPH Thickness), where D_p is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for Former BP Oil 11249 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 23, 2005
Former BP Oil 11249

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	08/23/05	201.34	13.18	0.00	188.16	-2.27	ND<50	--	ND<0.30	0.38	ND<0.30	0.67	ND<1.0	0.69	
MW-2	08/23/05	201.11	13.08	0.00	188.03	-1.83	ND<50	--	ND<0.30	1.0	ND<0.30	1.2	1.8	1.2	
MW-3	08/23/05	200.16	12.28	0.00	187.88	-3.24	ND<50	--	0.30	1.0	0.35	1.4	ND<1.0	ND<0.50	
MW-4	08/23/05	200.06	12.91	0.00	187.15	-3.28	ND<50	--	ND<0.30	0.53	ND<0.30	ND<0.60	ND<1.0	1.0	
MW-5	08/23/05	200.47	14.21	0.00	186.26	-3.25	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
MW-6	08/23/05	200.45	14.32	0.00	186.13	-2.29	ND<50	--	ND<0.30	ND<0.50	ND<0.30	ND<0.60	7.2	6.7	
MW-7	08/23/05	200.56	13.37	0.00	187.19	-2.77	55	--	ND<0.30	2.4	ND<0.30	ND<0.60	31	30	
MW-7D	08/23/05	200.63	13.93	0.00	186.70	-3.31	ND<50	--	0.30	0.88	ND<0.30	0.86	2.8	2.6	
MW-8D	08/23/05	201.06	14.73	0.00	186.33	-3.24	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
MW-8S	08/23/05	201.03	15.25	0.00	185.78	-2.22	ND<50	--	ND<0.30	0.44	ND<0.30	0.62	11	10	
MW-9D	08/23/05	200.14	--	--	--	--	--	--	--	--	--	--	--	Paved over	
MW-9S	08/23/05	200.15	--	--	--	--	--	--	--	--	--	--	--	Paved over	
MW-10															

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 23, 2005

Former BP Oil 11249

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B	TPPH 8260B	Benzene	Toluene	Ethy- benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
MW-10 continued 08/23/05	199.54	12.44	0.00	187.10	-3.61	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<1.0	ND<0.60	ND<1.0	ND<0.50

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
11/30/92	201.35	15.49	0.00	185.86	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
D	11/30/92	201.35	15.49	0.00	185.86	0.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.5	--	--
10/07/93	201.35	15.52	--	185.83	-0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
D	10/07/93	201.35	15.52	--	185.83	-0.03	ND<50	--	ND<0.5	ND<0.5	ND<0.50	ND<0.5	--	--
02/11/94	201.35	12.43	--	188.92	3.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
D	02/11/94	201.35	12.43	--	188.92	3.09	ND<50	--	ND<0.5	ND<0.5	ND<0.50	ND<0.50	--	--
05/20/94	201.35	13.30	--	188.05	-0.87	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
08/18/94	201.35	14.84	--	186.51	-1.54	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
11/16/94	201.35	14.28	--	187.07	0.56	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
02/08/95	201.35	11.74	--	189.61	2.54	--	--	--	--	--	--	--	--	--
05/18/95	201.35	12.51	--	188.84	-0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
03/01/96	201.35	11.24	--	190.11	1.27	--	--	--	--	--	--	--	--	--
04/03/97	201.35	13.97	--	187.38	-2.73	--	--	--	--	--	--	--	--	--
03/11/98	201.35	11.63	--	189.72	2.34	--	--	--	--	--	--	--	--	--
06/29/99	201.35	15.63	--	185.72	-4.00	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--
09/21/99	201.35	15.36	--	185.99	0.27	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.8	10	
03/28/00	189.36	11.98	--	177.38	-8.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	1.43	
06/10/00	201.34	13.84	--	187.50	10.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.6	ND<2.0	
09/05/00	201.34	15.24	--	186.10	-1.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.67	ND<2.0	
12/16/00	201.35	14.05	--	187.30	1.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/26/01	201.34	13.03	--	188.31	1.01	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.04	ND<2.0	
06/28/01	201.34	15.20	--	186.14	-2.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	1.4	
09/27/01	201.34	16.07	--	185.27	-0.87	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.6		
12/27/01	201.34	11.08	--	190.26	4.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.4		

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
03/26/02	201.34	11.95	--	189.39	-0.87	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
06/27/02	201.34	14.45	--	186.89	-2.50	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/26/02	201.34	15.70	--	185.64	-1.25	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
12/26/02	201.34	11.47	--	189.87	4.23	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/27/03	201.34	12.19	--	189.15	-0.72	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/24/03	201.34	13.69	--	187.65	-1.50	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	<2.0	
09/30/03	201.34	14.83	0.00	186.51	-1.14	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
12/20/03	201.34	13.08	0.00	188.26	1.75	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/25/04	201.34	12.20	0.00	189.14	0.88	ND>50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	0.72	
06/22/04	201.34	13.86	0.00	187.48	-1.66	72	--	1.4	1.2	0.54	1.5	1.1	0.64	
09/01/04	201.34	14.63	0.00	186.71	-0.77	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.73	
12/02/04	201.34	14.01	0.00	187.33	0.62	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.93	
03/11/05	201.34	10.97	0.00	190.37	3.04	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.87	
05/24/05	201.34	10.91	0.00	190.43	0.06	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.79	
08/23/05	201.34	13.18	0.00	188.16	-2.27	ND>50	--	ND<0.30	0.38	ND<0.30	0.67	ND<1.0	0.69	
MW-2														
11/30/92	201.11	15.38	--	185.73	--	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
10/07/93	201.11	15.54	--	185.57	-0.16	170	--	6	ND<0.50	1.2	ND<0.50	--	--	
02/11/94	201.11	13.09	--	188.02	2.45	230	--	17	9	5.6	ND<0.50	--	--	
05/20/94	201.11	13.95	--	187.16	-0.86	450	--	11	1.2	3	1.4	--	--	
D 05/20/94	201.11	13.95	--	187.16	-0.86	410	--	9.2	0.9	2.2	0.6	--	--	
08/18/94	201.11	15.51	--	185.60	-1.56	430	--	ND<0.50	ND<0.50	2.4	ND<0.50	--	--	
D 08/18/94	201.11	15.51	--	185.60	-1.56	390	--	2.6	ND<0.5	1.5	ND<0.5	--	--	
11/16/94	201.11	14.59	--	186.52	0.92	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethy- benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
D MW-2 continued														
D 11/16/94	201.11	14.59	--	186.52	0.92	100	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	
02/08/95	201.11	11.16	--	189.95	3.43	68	--	0.42	ND<0.25	ND<0.25	ND<0.50	--	--	
D 02/08/95	201.11	11.16	--	189.95	3.43	68	--	0.38	ND<0.25	ND<0.25	ND<0.50	--	--	
05/18/95	201.11	12.17	--	188.94	-1.01	73	--	0.64	ND<0.50	ND<0.50	ND<1.0	--	--	
D 05/18/95	201.11	12.17	--	188.94	-1.01	80	--	0.63	ND<0.50	ND<0.50	ND<1.0	--	--	
03/01/96	201.11	10.39	--	190.72	1.78	170	--	4.3	ND<1.0	1	ND<1.0	43	--	
04/03/97	201.11	13.41	--	187.70	-3.02	ND<50	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	--	
03/11/98	201.11	11.04	--	190.07	2.37	520	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	350	--	
06/29/99	201.11	13.30	--	187.81	-2.26	490	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	330	--	
09/21/99	201.11	15.20	--	185.91	-1.90	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	190	190	
03/28/00	201.11	12.03	--	189.08	3.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	95.1	82	
06/10/00	201.11	13.81	--	187.30	-1.78	ND<50	--	1.1	ND<0.50	ND<0.50	ND<0.50	150	130	
09/05/00	201.11	15.15	--	185.96	-1.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17.3	12	
12/16/00	201.11	14.10	--	187.01	1.05	ND<50	--	2.12	ND<0.50	ND<0.50	ND<0.50	44.4	32.8	
03/26/01	201.11	13.05	--	188.06	1.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11.7	11	
06/28/01	201.11	15.17	--	185.94	-2.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	21	
09/27/01	201.11	15.87	--	185.24	-0.70	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	48	36	
12/27/01	201.11	11.06	--	190.05	4.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.1	5.2	
03/26/02	201.11	11.98	--	189.13	-0.92	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	42	49	
06/27/02	201.11	14.50	--	186.61	-2.52	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	72	98	
09/26/02	201.11	15.74	--	185.37	-1.24	ND<50	--	0.78	ND<0.50	ND<0.50	ND<0.50	43	53	
12/26/02	201.11	11.29	--	189.82	4.45	ND<50	--	0.70	ND<0.50	ND<0.50	ND<0.50	20	17	
03/27/03	201.11	12.21	--	188.90	-0.92	68	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	43	51	
06/24/03	201.11	13.51	--	187.60	-1.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.3	13	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylenbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
09/30/03	201.11	14.97	0.00	186.14	-1.46	100	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	31	--	
12/20/03	201.11	12.86	0.00	188.25	2.11	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.1	8.0	
03/25/04	201.11	12.20	0.00	188.91	0.66	72	--	ND<0.3	1.8	ND<0.3	ND<0.6	--	58	
06/22/04	201.11	13.73	0.00	187.38	-1.53	ND>50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	2.7	2.3	
09/01/04	201.11	14.74	0.00	186.37	-1.01	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.5	
12/02/04	201.11	14.03	0.00	187.08	0.71	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.6	
03/11/05	201.11	10.99	0.00	190.12	3.04	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.6	6.0	
05/24/05	201.11	11.25	0.00	189.86	-0.26	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	2.5	
08/23/05	201.11	13.08	0.00	188.03	-1.83	ND>50	--	ND<0.30	1.0	ND<0.30	1.2	1.8	1.2	
MW-3														
11/30/92	200.18	13.95	--	186.23	--	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	
10/07/93	200.18	14.01	--	186.17	-0.06	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	
02/11/94	200.18	10.56	--	189.62	3.45	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	
05/20/94	200.18	12.41	--	187.77	-1.85	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	
08/18/94	200.18	13.97	--	186.21	-1.56	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	
11/16/94	200.18	12.32	--	187.86	1.65	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	
02/08/95	200.18	9.12	--	191.06	3.20	--	--	--	--	--	--	--	--	
05/18/95	200.18	10.55	--	189.63	-1.43	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<1.0	--	--	
03/01/96	200.18	8.13	--	192.05	2.42	--	--	--	--	--	--	--	--	
04/03/97	200.18	11.41	--	188.77	-3.28	--	--	--	--	--	--	--	--	
03/11/98	200.18	10.07	--	190.11	1.34	--	--	--	--	--	--	--	--	
06/29/99	200.18	11.81	--	188.37	-1.74	ND>50	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	
09/21/99	200.18	13.22	--	186.96	-1.41	ND>50	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.1	ND<1.0	
03/28/00	200.18	10.29	--	189.89	2.93	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	0.753	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
06/10/00	200.18	12.26	--	187.92	-1.97	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<2.0	
09/05/00	200.18	13.72	--	186.46	-1.46	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.51	ND<2.0	
12/16/00	200.18	13.12	--	187.06	0.60	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<2.0	
03/26/01	200.18	11.41	--	188.77	1.71	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.13	ND<2.0	
06/28/01	200.16	13.58	--	186.58	-2.19	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	0.56	
09/27/01	200.16	14.43	--	185.73	-0.85	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.73	
12/27/01	200.16	9.27	--	190.89	5.16	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.72	
03/26/02	200.16	10.30	--	189.86	-1.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
06/27/02	200.16	12.97	--	187.19	-2.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/26/02	200.16	14.23	--	185.93	-1.26	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
12/26/02	200.16	9.55	--	190.61	4.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
03/27/03	200.16	10.74	--	189.42	-1.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.5	ND<2.0	
06/24/03	200.16	12.21	--	187.95	-1.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/30/03	200.16	13.41	0.00	186.75	-1.20	62	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.1	5.0	
12/20/03	200.16	11.15	0.00	189.01	2.26	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.3	2.7	
03/25/04	200.16	10.82	0.00	189.34	0.33	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	3.4	5.0	
06/22/04	200.16	12.57	0.00	187.59	-1.75	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<2.0	--	
09/01/04	200.16	13.15	0.00	187.01	-0.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
12/02/04	200.16	12.53	0.00	187.63	0.62	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/11/05	200.16	9.19	0.00	190.97	3.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
05/24/05	200.16	9.04	0.00	191.12	0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
08/23/05	200.16	12.28	0.00	187.88	-3.24	ND<50	--	0.30	1.0	0.35	1.4	ND<1.0	ND<0.50	
MW-4														
11/30/92	200.04	14.09	--	185.95	--	89	--	1.4	ND<0.50	1.4	ND<0.50	--	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G 8260B	TPPH 8260B	Benzene	Toluene	Ethy- benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-4 continued														
10/07/93	200.04	14.21	--	185.83	-0.12	360	--	1.4	ND<0.50	4.1	ND<0.50	--	--	--
02/11/94	200.04	10.89	--	189.15	3.32	102	--	ND<0.50	4.9	ND<0.50	ND<0.50	--	--	--
05/20/94	200.04	12.75	--	187.29	-1.86	80	--	1.5	ND<0.50	ND<0.50	ND<0.50	--	--	--
08/18/94	200.04	14.30	--	185.74	-1.55	1400	--	2.6	ND<0.50	11	0.8	--	--	--
11/16/94	200.04	12.67	--	187.37	1.63	520	--	ND<0.50	ND<0.50	0.8	ND<0.50	--	--	--
02/08/95	200.04	9.62	--	190.42	3.05	--	--	--	--	--	--	--	--	--
05/18/95	200.04	11.01	--	189.03	-1.39	740	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	--	--
03/01/96	200.04	8.75	--	191.29	2.26	430	--	1.9	ND<1.0	6	1	3700	--	--
D 03/01/96	200.04	8.75	--	191.29	2.26	390	--	1.6	ND<1	6	ND<1	3700	--	--
04/03/97	200.04	11.86	--	188.18	-3.11	2700	--	6.3	ND<1.0	5.9	ND<1.0	2800	--	--
D 04/03/97	200.04	11.86	--	188.18	-3.11	2400	--	8.0	1.9	8.3	ND<1.0	1900	--	--
03/11/98	200.04	9.70	--	190.34	2.16	13000	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	12000	--	--
D 03/11/98	200.04	9.70	--	190.34	2.16	13000	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	12000	--	--
06/29/99	200.04	12.97	--	187.07	-3.27	14000	--	ND<1.0	ND<1.0	1.5	1.6	14000	14000	--
09/21/99	200.04	13.94	--	186.10	-0.97	4900	--	ND<50	ND<50	ND<50	ND<50	23000	26000	--
03/28/00	200.06	10.75	--	189.31	3.21	ND<50000	--	ND<500	ND<500	ND<500	ND<500	11300	11400	--
06/10/00	200.06	12.55	--	187.51	-1.80	ND<500	--	61	ND<5.0	ND<5.0	ND<5.0	26000	14000	--
09/05/00	200.06	13.96	--	186.10	-1.41	167	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.605	11200	9100
12/16/00	200.06	13.41	--	186.65	0.55	ND<2500	--	ND<25.0	ND<25.0	ND<25.0	ND<25.0	43000	35300	--
03/26/01	200.06	11.74	--	188.32	1.67	371	--	0.891	0.629	ND<5.0	0.752	8300	11000	--
06/28/01	200.06	13.86	--	186.20	-2.12	ND<5000	--	ND<50	ND<50	ND<50	ND<50	17000	16000	--
09/27/01	200.06	14.65	--	185.41	-0.79	ND<2500	--	ND<25	ND<25	ND<25	ND<25	11000	10000	--
12/27/01	200.06	9.70	--	190.36	4.95	550	--	4.8	ND<0.50	2.3	0.62	7300	7000	--
03/26/02	200.06	10.70	--	189.36	-1.00	1500	--	ND<10	16	ND<10	ND<10	19000	26000	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylnitrobenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
06/27/02	200.06	13.27	--	186.79	-2.57	930	--	5.6	ND<1.0	2.8	ND<1.0	640	860	
09/26/02	200.06	14.55	--	185.51	-1.28	940	--	6.2	0.76	1.5	0.96	900	1300	
12/26/02	200.06	9.98	--	190.08	4.57	2700	--	ND<25	ND<25	ND<25	ND<25	2000	2400	
03/27/03	200.06	11.08	--	188.98	-1.10	470	--	6.2	1.2	0.77	1.6	140	83	
06/24/03	200.06	12.48	--	187.58	-1.40	320	--	9.6	ND<0.50	1.6	0.52	46	95	
09/30/03	200.06	13.75	0.00	186.31	-1.27	1100	--	ND<5.0	ND<5.0	ND<5.0	ND<10	25	--	
12/20/03	200.06	11.49	0.00	188.57	2.26	310	--	4.8	ND<0.50	1.1	ND<0.50	65	58	
03/25/04	200.06	11.10	0.00	188.96	0.39	190	--	0.54	3.9	ND<0.3	ND<0.6	--	91	
06/22/04	200.06	12.83	0.00	187.23	-1.73	59	--	ND<0.3	2.2	ND<0.3	ND<0.6	6.6	5.5	
09/01/04	200.06	13.54	0.00	186.52	-0.71	120	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.4	
12/02/04	200.06	12.72	0.00	187.34	0.82	290	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	2.8	
03/11/05	200.06	9.75	0.00	190.31	2.97	160	--	2.1	ND<0.50	0.61	ND<0.50	23	22	
05/24/05	200.06	9.63	0.00	190.43	0.12	110	--	1.9	ND<0.50	0.52	ND<0.50	12	11	
08/23/05	200.06	12.91	0.00	187.15	-3.28	ND<50	--	ND<0.30	0.53	ND<0.30	ND<0.60	ND<1.0	1.0	
MW-5														
03/28/00	200.47	11.49	--	188.98	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<0.50	
06/10/00	200.47	13.88	--	186.59	-2.39	ND<50	--	1.9	0.53	ND<0.50	ND<0.50	4.9	2.4	
09/05/00	200.47	14.74	--	185.73	-0.86	167	--	0.866	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
12/16/00	200.47	14.26	--	186.21	0.48	ND<50	--	1.26	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/26/01	200.47	13.27	--	187.20	0.99	ND<50	--	0.636	ND<0.50	ND<0.50	ND<0.50	ND<0.5	ND<2.0	
06/28/01	200.47	15.35	--	185.12	-2.08	ND<50	--	0.5	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<0.50	
09/27/01	200.47	15.83	--	184.64	-0.48	ND<50	--	0.83	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<0.50	
12/27/01	200.47	11.13	--	189.34	4.70	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30	ND<0.50	
03/26/02	200.47	12.16	--	188.31	-1.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyln-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
06/27/02	200.47	14.62	--	185.85	-2.46	ND<50	--	3.1	1.2	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/26/02	200.47	15.89	--	184.58	-1.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
12/26/02	200.47	11.32	--	189.15	4.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/27/03	200.47	12.63	--	187.84	-1.31	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/24/03	200.47	13.78	--	186.69	-1.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/30/03	200.47	14.63	0.00	185.84	-0.85	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
12/20/03	200.47	13.12	0.00	187.35	1.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/25/04	200.47	12.55	0.00	187.92	0.57	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<2.0	ND<2.0	
06/22/04	200.47	14.21	0.00	186.26	-1.66	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<2.0	ND<2.0	
09/01/04	200.47	14.82	0.00	185.65	-0.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
12/02/04	200.47	14.10	0.00	186.37	0.72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/11/05	200.47	11.20	0.00	189.27	2.90	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
05/24/05	200.47	10.96	0.00	189.51	0.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
08/23/05	200.47	14.21	0.00	186.26	-3.25	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<1.0	ND<0.50	
MW-6														
03/28/00	200.45	11.39	--	189.06	--	151	--	0.979	0.805	ND<0.50	ND<0.50	54.1	50	
06/10/00	200.45	13.45	--	187.00	-2.06	360	--	4.4	0.76	1.1	ND<0.50	360	450	
09/05/00	200.45	14.79	--	185.66	-1.34	302	--	3.50	0.667	0.698	ND<0.50	381	310	
12/16/00	200.45	14.30	--	186.15	0.49	223	--	2.04	ND<0.50	0.631	ND<0.50	332	360	
03/26/01	200.45	12.33	--	188.12	1.97	247	--	1.24	ND<0.50	ND<0.50	ND<0.50	325	330	
06/28/01	200.45	15.00	--	185.45	-2.67	170	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	250	330	
09/27/01	200.45	15.45	--	185.00	-0.45	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	250	270	
12/27/01	200.45	12.25	--	188.20	3.20	83	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	150	
03/26/02	200.45	13.36	--	187.09	-1.11	50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	120	130	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
06/27/02	200.45	14.41	--	186.04	-1.05	78	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	180	
09/26/02	200.45	15.65	--	184.80	-1.24	120	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	150	
12/26/02	200.45	12.05	--	188.40	3.60	130	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	140	
03/27/03	200.45	12.31	--	188.14	-0.26	100	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	130	
06/24/03	200.45	14.02	--	186.43	-1.71	120	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	160	
09/30/03	200.45	14.54	0.00	185.91	-0.52	140	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	110	--	
12/20/03	200.45	14.08	0.00	186.37	0.46	140	--	ND<0.50	0.76	ND<0.50	ND<0.50	100	62	
03/25/04	200.45	14.08	0.00	186.37	0.00	190	--	0.68	0.96	ND<0.3	ND<0.6	--	48	
06/22/04	200.45	15.02	0.00	185.43	-0.94	ND<50	--	ND<0.3	0.51	ND<0.3	ND<0.6	44	43	
09/01/04	200.45	14.57	0.00	185.88	0.45	51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	16	
12/02/04	200.45	14.38	0.00	186.07	0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	14	12	
03/11/05	200.45	11.66	0.00	188.79	2.72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	14	11	
05/24/05	200.45	12.03	0.00	188.42	-0.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.5	6.5	
08/23/05	200.45	14.32	0.00	186.13	-2.29	ND<50	--	ND<0.30	ND<0.50	ND<0.30	ND<0.60	7.2	6.7	
MW-7														
03/28/00	200.56	11.45	--	189.11	--	55.6	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	175	3710	
06/10/00	200.56	13.21	--	187.35	-1.76	1300	--	27	ND<10	11	ND<10	4500	120	
09/05/00	200.56	14.60	--	185.96	-1.39	1520	--	7.15	1.77	15.5	1.56	5990	5800	
12/16/00	200.56	13.58	--	186.98	1.02	2650	--	ND<5.0	ND<5.0	26.8	ND<5.0	9860	9820	
03/26/01	200.56	11.91	--	188.65	1.67	965	--	1.12	1.37	5.21	1.17	4870	6100	
06/28/01	200.56	14.38	--	186.18	-2.47	1600	--	ND<10	ND<10	ND<10	ND<10	6600	4700	
09/27/01	200.56	15.30	--	185.26	-0.92	ND<1000	--	ND<10	ND<10	ND<10	ND<10	5000	5200	
12/27/01	200.56	10.36	--	190.20	4.94	ND<2500	--	ND<25	ND<25	ND<25	ND<25	5800	6300	
03/26/02	200.56	11.37	--	189.19	-1.01	ND<1000	--	ND<10	ND<10	ND<10	ND<10	5000	5100	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
06/27/02	200.56	13.81	--	186.75	-2.44	ND<1000	--	ND<10	ND<10	ND<10	ND<10	7300	5900	
09/26/02	200.56	15.03	--	185.53	-1.22	4600	--	ND<10	ND<10	ND<10	ND<10	22	5500	5400
12/26/02	200.56	10.31	--	190.25	4.72	780	--	ND<0.50	1.3	ND<0.50	ND<0.50	2900	4000	
03/27/03	200.56	11.75	--	188.81	-1.44	ND<5000	--	ND<50	ND<50	ND<50	ND<50	5700	4700	
06/24/03	200.56	12.95	--	187.61	-1.20	680	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4300	1200	
09/30/03	200.56	14.45	0.00	186.11	-1.50	ND>2000	--	ND<20	ND<20	ND<20	ND<40	2300	--	
12/20/03	200.56	12.43	0.00	188.13	2.02	1200	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1100	1300	
03/25/04	200.56	11.61	0.00	188.95	0.82	280	--	5.4	3.2	ND<0.3	ND<0.6	--	740	
06/22/04	200.56	12.54	0.00	188.02	-0.93	160	--	ND<0.3	1.1	ND<0.3	ND<0.6	170	180	
09/01/04	200.56	13.50	0.00	187.06	-0.96	180	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	95	
12/02/04	200.56	13.38	0.00	187.18	0.12	190	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	94	73	
03/11/05	200.56	10.52	0.00	190.04	2.86	260	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	87	70	
05/24/05	200.56	10.60	0.00	189.96	-0.08	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	49	47	
08/23/05	200.56	13.37	0.00	187.19	-2.77	55	--	ND<0.30	2.4	ND<0.30	ND<0.60	31	30	
MW-7D														
06/28/01	200.63	6.58	--	194.05	--	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	52	29	
09/27/01	200.63	15.62	--	185.01	-9.04	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	20	15	
12/27/01	200.63	10.83	--	189.80	4.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.1		
03/26/02	200.63	11.75	--	188.88	-0.92	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
06/27/02	200.63	14.24	--	186.39	-2.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/26/02	200.63	15.50	--	185.13	-1.26	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	2.3	
12/26/02	200.63	11.17	--	189.46	4.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/27/03	200.63	12.10	--	188.53	-0.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/24/03	200.63	13.38	--	187.25	-1.28	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.6	2.7	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylenbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7D continued														
09/30/03	200.63	14.72	0.00	185.91	-1.34	60	--	ND<0.50	ND<0.50	ND<1.0	90	--	--	
12/20/03	200.63	12.51	0.00	188.12	2.21	ND<50	--	ND<0.50	ND<0.50	ND<0.6	35	38		
03/25/04	200.63	12.11	0.00	188.52	0.40	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	3.8	
06/22/04	200.63	13.77	0.00	186.86	-1.66	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	
09/01/04	200.63	14.48	0.00	186.15	-0.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.1	1.7	
12/02/04	200.63	13.73	0.00	186.90	0.75	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.1	
03/11/05	200.63	10.85	0.00	189.78	2.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.0	
05/24/05	200.63	10.62	0.00	190.01	0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.7	
08/23/05	200.63	13.93	0.00	186.70	-3.31	ND<50	--	0.30	0.88	ND<0.30	0.86	2.8	2.6	2.7
MW-8D														
06/28/01	201.06	15.33	--	185.73	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.56	
09/27/01	201.06	16.28	--	184.78	-0.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<0.50	
12/27/01	201.06	11.65	--	189.41	4.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	1.2	
03/26/02	201.06	12.58	--	188.48	-0.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
06/27/02	201.06	14.95	--	186.11	-2.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/26/02	201.06	16.20	--	184.86	-1.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
12/26/02	201.06	11.93	--	189.13	4.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/27/03	201.06	12.95	--	188.11	-1.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/24/03	201.06	14.12	--	186.94	-1.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/30/03	201.06	15.38	0.00	185.68	-1.26	67	--	ND<0.50	ND<0.50	1.5	ND<2.0	--	--	
12/20/03	201.06	13.24	0.00	187.82	2.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/25/04	201.06	12.99	0.00	188.07	0.25	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	ND<0.50	
06/22/04	201.06	14.63	0.00	186.43	-1.64	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	ND<0.5	
09/01/04	201.06	15.21	0.00	185.85	-0.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

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HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
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Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8D continued														
12/02/04	201.06	14.48	0.00	186.58	0.73	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50
03/11/05	201.06	11.66	0.00	189.40	2.82	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50
05/24/05	201.06	11.49	0.00	189.57	0.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50
08/23/05	201.06	14.73	0.00	186.33	-3.24	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	ND<0.50
MW-8S														
06/28/01	201.03	17.46	--	183.57	-3.24	130	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.5	6.9	
D	06/28/01	201.03	17.46	--	183.57	--	--	--	--	--	--	--	--	--
09/27/01	201.03	16.20	--	184.83	1.26	ND<2500	--	ND<25	ND<25	ND<25	ND<25	ND<120	ND<500	
12/27/01	201.03	15.65	--	185.38	0.55	50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.4	20	
03/26/02	201.03	15.14	--	185.89	0.51	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	20	18	
06/27/02	201.03	15.79	--	185.24	-0.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	17	
09/26/02	201.03	17.05	--	183.98	-1.26	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	27	25	
12/26/02	201.03	14.05	--	186.98	3.00	ND<50	--	ND<0.50	0.77	ND<0.50	ND<0.50	20	22	
03/27/03	201.03	14.52	--	186.51	-0.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	23	29	
06/24/03	201.03	15.29	--	185.74	-0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.6	19	
09/30/03	201.03	15.99	0.00	185.04	-0.70	80	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	--	
12/20/03	201.03	15.07	0.00	185.96	0.92	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	23	22	
03/25/04	201.03	13.25	0.00	187.78	1.82	160	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	18	
06/22/04	201.03	15.24	0.00	185.79	-1.99	69	--	ND<0.3	ND<0.3	0.49	2.3	16	19	
09/01/04	201.03	15.90	0.00	185.13	-0.66	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	14	
12/02/04	201.03	15.41	0.00	185.62	0.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	15	
03/11/05	201.03	13.70	0.00	187.33	1.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	14	15	
05/24/05	201.03	13.03	0.00	188.00	0.67	ND<50	--	ND<0.50	0.57	ND<0.50	ND<0.50	10	10	
08/23/05	201.03	15.25	0.00	185.78	-2.22	ND<50	--	ND<0.30	0.44	ND<0.30	0.62	11	10	

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Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9D														
06/28/01	200.14	15.22	--	184.92	--	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	100	33	
09/27/01	200.14	15.45	--	184.69	-0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	77	33	
12/27/01	200.14	10.88	--	189.26	4.57	ND<50	--	1.1	1.9	ND<0.50	1.1	11	9.9	
03/26/02	200.14	11.76	--	188.38	-0.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.4	5.2	
06/27/02	200.14	14.21	--	185.93	-2.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	2.4	
09/26/02	200.14	15.47	--	184.67	-1.26	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3	2.6	
12/26/02	200.14	11.34	--	188.80	4.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.1	2.3	
03/27/03	200.14	12.23	--	187.91	-0.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.4	2.8	
06/24/03	200.14	13.38	--	186.76	-1.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/30/03	200.14	14.68	0.00	185.46	-1.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
12/20/03	200.14	12.49	0.00	187.65	2.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	2.1	
03/25/04	200.14	12.29	0.00	187.85	0.20	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.50	
06/22/04	200.14	13.76	0.00	186.38	-1.47	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<1.0	ND<2.0	--
09/01/04	200.14	14.50	0.00	185.64	-0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
12/02/04	200.14	13.73	0.00	186.41	0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
03/11/05	200.14	10.99	0.00	189.15	2.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
05/24/05	200.14	--	--	--	--	--	--	--	--	--	--	--	--	
08/23/05	200.14	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9S														
06/28/01	200.15	8.25	--	191.90	--	3500	--	ND<25	ND<25	ND<25	ND<25	360	300	
D	06/28/01	200.15	8.25	--	191.90	--	--	--	--	--	--	--	--	
09/27/01	200.15	15.63	--	184.52	-7.38	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	340	340	
12/27/01	200.15	11.81	--	188.34	3.82	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	340	290	
03/26/02	200.15	12.09	--	188.06	-0.28	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	310	300	
								Covered with asphalt						
								Paved over						

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethy- benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-9S continued														
06/27/02	200.15	14.33	--	185.82	-2.24	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	470	490	
09/26/02	200.15	15.59	--	184.56	-1.26	280	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	540	620	
12/26/02	200.15	11.45	--	188.70	4.14	360	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	580	660	
03/27/03	200.15	12.32	--	187.83	-0.87	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	520	620	
06/24/03	200.15	13.41	--	186.74	-1.09	360	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	720	560	
09/30/03	200.15	14.76	0.00	185.39	-1.35	500	--	ND<5.0	ND<5.0	ND<5.0	ND<10	870	--	
12/20/03	200.15	12.74	0.00	187.41	2.02	ND<1000	--	ND<10	ND<10	ND<10	ND<10	630	750	
03/25/04	200.15	12.01	0.00	188.14	0.73	350	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	380	
06/22/04	200.15	13.83	0.00	186.32	-1.82	89	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	120	95	
09/01/04	200.15	14.48	0.00	185.67	-0.65	68	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	27	
12/02/04	200.15	13.51	0.00	186.64	0.97	56	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	24	15	
03/11/05	200.15	10.72	0.00	189.43	2.79	53	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	5.2	
05/24/05	200.15	--	--	--	--	--	--	--	--	--	--	--	--	
08/23/05	200.15	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10														
06/28/01	199.54	13.28	--	186.26	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<0.50	
09/27/01	199.54	13.92	--	185.62	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.1	2.6	
12/27/01	199.54	9.04	--	190.50	4.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.52	0.52	
03/26/02	199.54	10.04	--	189.50	-1.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.2	7.2	
06/27/02	199.54	12.68	--	186.86	-2.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/26/02	199.54	13.93	--	185.61	-1.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.5	4.1	
12/26/02	199.54	9.74	--	189.80	4.19	ND<50	--	ND<0.50	1.1	ND<0.50	ND<0.50	ND<2.0	2.4	
03/27/03	199.54	10.43	--	189.11	-0.69	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.6	8.6	
06/24/03	199.54	11.40	--	188.14	-0.97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.9	8.2	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through August 2005
Former BP Oil 11249

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
09/30/03	199.54	13.14	0.00	186.40	-1.74	85	--	ND<0.50	ND<0.50	ND<1.0	7.5	--	--	
12/20/03	199.54	10.88	0.00	188.66	2.26	ND<50	--	ND<0.50	ND<0.50	ND<5.0	ND<5.0	ND<2.0	ND<2.0	
03/25/04	199.54	9.85	0.00	189.69	1.03	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	ND<0.50	
06/22/04	199.54	12.28	0.00	187.26	-2.43	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	ND<1	
09/01/04	199.54	12.98	0.00	186.56	-0.70	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.57
12/02/04	199.54	12.16	0.00	187.38	0.82	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<5.0	
03/11/05	199.54	9.43	0.00	190.11	2.73	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<5.0	
05/24/05	199.54	8.83	0.00	190.71	0.60	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<5.0	
08/23/05	199.54	12.44	0.00	187.10	-3.61	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG	Chromium (VI) (mg/l)
MW-1	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)
11/30/92	ND<50	--	--	--	--	--	--	--	--	--	ND<5000
10/07/93	ND<50	--	--	--	--	--	--	--	--	--	ND<5000
02/11/94	ND<250	--	--	3.8	--	--	--	--	--	--	ND<5000
05/20/94	ND<50	--	--	4.2	--	--	--	--	--	--	ND<5000
08/18/94	ND<50	--	--	4.2	--	--	--	--	--	--	ND<5000
11/16/94	50	--	--	9.8	--	--	--	--	--	--	ND<5000
05/18/95	ND<500	--	--	9.3	--	--	--	--	--	--	ND<50
09/21/99	--	--	--	--	ND<10	ND<500	ND<10	ND<10	--	--	--
03/28/00	--	--	--	--	ND<1.0	ND<20.0	ND<1.0	ND<1.0	ND<100	--	--
06/10/00	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/05/00	--	--	--	--	ND<2.0	ND<50	ND<2.0	ND<2.0	ND<500	--	--
12/16/00	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
03/26/01	--	ND<2.0	ND<2.0	--	ND<2.0	ND<50	ND<2.0	ND<2.0	ND<500	--	--
06/28/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
09/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
12/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
03/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/27/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG	Chromium (VI) (mg/l)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)				
MW-1 continued											
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<1000	--	--
MW-2											
02/11/94	--	--	--	--	4.1	--	--	--	--	--	--
05/20/94	--	--	--	--	4.5	--	--	--	--	--	--
08/18/94	--	--	--	--	4.5	--	--	--	--	--	--
11/16/94	--	--	--	--	6.4	--	--	--	--	--	--
02/08/95	--	--	--	--	7.1	--	--	--	--	--	--
05/18/95	ND<500	--	--	--	9.0	--	--	--	--	ND<50	--
03/01/96	--	--	--	--	9.9	--	--	--	--	--	--
04/03/97	--	--	--	--	7.3	--	--	--	--	--	--
03/11/98	--	--	--	--	6.6	--	--	--	--	--	--
09/21/99	--	--	--	--	ND<10	ND<500	ND<10	ND<10	--	--	--
03/28/00	--	--	--	--	ND<4.0	ND<80.0	ND<4.0	ND<4.0	ND<400	--	--
06/10/00	--	--	--	--	ND>2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/05/00	--	--	--	--	ND>2.0	ND<50	ND<2.0	ND<2.0	ND<500	--	--
12/16/00	--	--	--	--	ND>2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
03/26/01	--	ND<2.0	ND<2.0	--	ND>2.0	ND<50	ND<2.0	ND<2.0	ND<500	--	--
06/28/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
09/27/01	--	ND<1.0	ND<1.0	--	ND>2.0	ND<40	ND<2.0	ND<2.0	ND<200	--	--
12/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
03/26/02	--	ND<4.0	ND<4.0	--	ND<4.0	ND<200	ND<4.0	ND<4.0	ND<1000	--	--
06/27/02	--	ND<10	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<2500	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG	Chromium (VI) (mg/l)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)				
MW-2 continued											
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	9.2	ND<1.0	ND<0.50	ND<50	--	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<1000	--	--
MW-3											
02/11/94	--	--	--	3.6	--	--	--	--	--	--	--
05/20/94	--	--	--	4.3	--	--	--	--	--	--	--
08/18/94	--	--	--	4.4	--	--	--	--	--	--	--
11/16/94	--	--	--	9.2	--	--	--	--	--	--	--
05/18/95	ND<500	--	--	9.2	--	--	--	--	--	ND<50	--
09/21/99	--	--	--	--	ND<10	ND<500	ND<10	ND<10	--	--	--
03/28/00	--	--	--	--	ND<1.0	ND<20.0	ND<1.0	ND<1.0	ND<100	--	--
06/10/00	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/05/00	--	--	--	--	ND<2.0	ND<50	ND<2.0	ND<2.0	ND<500	--	--
12/16/00	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	--
03/26/01	--	ND<2.0	ND<2.0	--	ND<2.0	ND<50	ND<2.0	ND<2.0	ND<500	--	--
06/28/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME	TBA	DPE	ETBE	Ethanol	TOG	Chromium (VI)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)				
MW-3 continued											
09/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
12/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
03/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/27/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<1.0	ND<50	--	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<1.0	ND<50	--	--
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<1.0	ND<50	--	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<1000	--	--
MW-4											
02/11/94	--	--	--	4.0	--	--	--	--	--	--	--
05/20/94	--	--	--	4.5	--	--	--	--	--	--	--
08/18/94	--	--	--	4.3	--	--	--	--	--	--	--
11/16/94	--	--	--	7.9	--	--	--	--	--	--	--
05/18/95	ND<500	--	--	9.4	--	--	--	--	--	870	--
03/01/96	--	--	--	9.6	--	--	--	--	--	--	--
04/03/97	--	--	--	7.3	--	--	--	--	--	--	--
03/11/98	--	--	--	6.9	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DPE 8260B	Ethanol 8260B	TOG	Chromium (VI) (mg/l)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)
MW-4 continued										
09/21/99	--	--	--	--	--	420	ND<500	ND<10	--	--
03/28/00	--	--	--	--	ND<400	ND<8000	ND<400	ND<400	ND<4000	--
06/10/00	--	--	--	--	270	ND<1000	ND<2.0	ND<2.0	ND<5000	--
09/05/00	--	--	--	--	230	ND<250	ND<10	ND<10	ND<2500	--
12/16/00	--	--	--	--	685	ND<25000	ND<500	ND<500	ND<25000	--
03/26/01	--	ND<100	ND<100	--	230	ND<2500	ND<100	ND<100	ND<2500	--
06/28/01	--	ND<1200	ND<1200	--	ND<2500	ND<50000	ND<2500	ND<2500	ND<25000	--
09/27/01	--	ND<1000	ND<1000	--	ND<2000	ND<40000	ND<2000	ND<2000	ND<200000	--
12/27/01	--	ND<100	ND<100	--	ND<200	ND<4000	ND<200	ND<200	ND<20000	--
03/26/02	--	ND<1000	ND<1000	--	ND<1000	ND<50000	ND<1000	ND<1000	ND<250000	--
06/27/02	--	ND<50	ND<50	--	ND<50	24000	ND<50	ND<50	ND<12000	--
09/26/02	--	ND<10	ND<10	--	21	19000	ND<10	ND<10	ND<1000	--
12/26/02	--	ND<40	ND<40	--	41	4300	ND<40	ND<40	ND<10000	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	4400	ND<2.0	ND<2.0	ND<500	--
06/24/03	--	ND<10	ND<10	--	ND<10	2300	ND<10	ND<10	ND<1000	--
09/30/03	--	ND<20	ND<20	--	ND<20	15000	ND<20	ND<20	ND<10000	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<2500	ND<2.0	ND<2.0	ND<500	--
03/25/04	--	ND<2.5	ND<2.5	--	ND<2.5	3300	ND<5.0	ND<5.0	ND<250	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	1800	ND<1	ND<1	ND<800	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	830	ND<1.0	ND<1.0	ND<50	--
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	610	ND<1.0	ND<1.0	ND<50	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	240	ND<0.50	ND<0.50	ND<50	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	190	ND<0.50	ND<0.50	ND<50	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	25	ND<0.50	ND<0.50	ND<1000	--
MW-5										
03/28/00	--	--	--	--	ND<1.00	ND<20.0	ND<1.00	ND<1.00	ND<100	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DIPE 8260B	Ethanol 8260B	TOG	Chromium (VI) (mg/l)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)
MW-5 continued										
06/10/00	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
09/05/00	--	--	--	--	--	ND<2.0	ND<50	ND<2.0	ND<500	--
12/16/00	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
03/26/01	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<50	ND<2.0	ND<2.0	--
06/28/01	--	ND<0.50	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	--
09/27/01	--	ND<0.50	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	--
12/27/01	--	ND<0.50	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	--
03/26/02	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
06/27/02	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
09/26/02	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
12/26/02	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
03/27/03	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
06/24/03	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
09/30/03	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
12/20/03	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--
03/25/04	--	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--
06/22/04	--	ND<0.5	ND<0.5	--	--	ND<1	ND<12	ND<1	ND<1	--
09/01/04	--	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--
12/02/04	--	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--
03/11/05	--	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--
05/24/05	--	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--
08/23/05	--	ND<0.50	ND<0.50	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	--
MW-6										
03/28/00	--	--	--	--	--	ND<10.0	ND<200	ND<10.0	ND<1000	--
06/10/00	--	--	--	--	--	ND<2.0	210	ND<2.0	ND<500	--
09/05/00	--	--	--	--	--	ND<2.0	240	ND<2.0	ND<500	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DPE 8260B	ETBE 8260B	Ethanol 8260B	TOG	Chromium (VI)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)						
MW-6 continued											
12/16/00	--	--	--	--	--	ND<5.00	ND<250	ND<5.00	ND<2500	--	--
03/26/01	--	ND<2.0	ND<2.0	--	ND>2.0	150	ND<2.0	ND<2.0	ND<500	--	--
06/28/01	--	ND<5.0	ND<5.0	--	ND<10	ND<200	ND<10	ND<10	ND<1000	--	--
09/27/01	--	ND<12	ND<12	--	ND<25	ND<500	ND<25	ND<25	ND<2500	--	--
12/27/01	--	ND<2.5	ND<2.5	--	ND<5.0	ND<100	ND<5.0	ND<5.0	ND<500	--	--
03/26/02	--	ND<10	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<2500	--	--
06/27/02	--	ND<10	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<2500	--	--
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<500	--	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	84	ND<1.0	ND<1.0	ND<50	--	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	110	ND<1	ND<1	ND<800	--	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	89	ND<1.0	ND<0.50	ND<50	--	ND<0.010
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	130	ND<1.0	ND<0.50	ND<50	--	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	150	ND<0.50	ND<0.50	ND<50	--	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	92	ND<0.50	ND<0.50	ND<50	--	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	66	ND<0.50	ND<0.50	ND<1000	--	--
MW-7											
03/28/00	--	--	--	--	--	ND<100	ND<2000	ND<100	ND<1000	--	--
06/10/00	--	--	--	--	--	ND>2.0	ND<100	ND>2.0	ND>500	--	--
09/05/00	--	--	--	--	--	ND<100	ND>2500	ND<100	ND>25000	--	--
12/16/00	--	--	--	--	--	181	ND>5000	ND<100	ND<50000	--	--
03/26/01	--	ND<2.0	ND<2.0	--	75	1800	ND<2.0	ND<2.0	ND<500	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG	Chromium (VI) (mg/l)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)						
MW-7 continued											
06/28/01	--	ND<500	ND<500	--	ND<1000	ND<20000	ND<1000	ND<1000	ND<1000	ND<100000	--
09/27/01	--	ND<500	ND<500	--	ND<1000	ND<20000	ND<1000	ND<1000	ND<100000	ND<100000	--
12/27/01	--	ND<500	ND<500	--	ND<1000	ND<20000	ND<1000	ND<1000	ND<100000	ND<100000	--
03/26/02	--	ND<400	ND<400	--	ND<400	ND<20000	ND<400	ND<400	ND<400	ND<100000	--
06/27/02	--	ND<2000	ND<2000	--	ND<2000	ND<100000	ND<2000	ND<2000	ND<2000	ND<500000	--
09/26/02	--	ND<5.0	ND<5.0	--	85	1000	ND<5.0	ND<5.0	ND<5.0	ND<5000	--
12/26/02	--	ND<100	ND<100	--	ND<100	ND<5000	ND<100	ND<100	ND<100	ND<25000	--
03/27/03	--	ND<80	ND<80	--	ND<80	ND<4000	ND<80	ND<80	ND<80	ND<20000	--
06/24/03	--	ND<10	ND<10	--	35	1100	ND<10	ND<10	ND<10	ND<2500	--
09/30/03	--	ND<80	ND<80	--	ND<80	ND<4000	ND<80	ND<80	ND<80	ND<20000	--
12/20/03	--	ND<40	ND<40	--	ND<40	2800	ND<40	ND<40	ND<40	ND<10000	--
03/25/04	--	ND<2.5	ND<2.5	--	ND<2.5	970	ND<5.0	ND<5.0	ND<2.5	ND<250	--
06/22/04	--	ND<0.5	ND<0.5	--	2.1	1200	ND<1	ND<1	ND<1	ND<800	--
09/01/04	--	ND<0.50	ND<0.50	--	1.5	600	ND<1.0	ND<0.50	ND<0.50	ND<50	--
12/02/04	--	ND<0.50	ND<0.50	--	0.95	2300	ND<1.0	ND<0.50	ND<0.50	ND<50	--
03/11/05	--	ND<2.5	ND<2.5	--	ND<2.5	2000	ND<2.5	ND<2.5	ND<2.5	ND<250	--
05/24/05	--	ND<2.5	ND<2.5	--	ND<2.5	1600	ND<2.5	ND<2.5	ND<2.5	ND<250	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	590	ND<0.50	ND<0.50	ND<0.50	ND<1000	--
MW-7D											
06/28/01	--	ND<1.2	ND<1.2	--	ND<2.5	ND<50	ND<2.5	ND<2.5	ND<2.5	ND<250	--
09/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<1.0	ND<100	--
12/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<1.0	ND<100	--
03/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<500	--
06/27/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<500	--
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<500	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<500	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG	Chromium (VI) (mg/l)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)				
MW-7D continued											
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<5.0	ND<1.0	ND<0.50	ND<50	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<5.0	ND<1.0	ND<0.50	ND<50	--
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<5.0	ND<1.0	ND<0.50	ND<50	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<50	--	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<50	--	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<1000	--	--
MW-8D											
06/28/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	1200	--	--
09/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
12/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
03/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/27/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<1.0	ND<50	--	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<1.0	ND<50	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DIPE 8260B	Ethanol 8260B	TOG	Chromium (VI)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)
MW-8D continued										
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<1000	--
MW-8S										
D 06/28/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	140000	--
06/28/01	--	ND<500	ND<500	--	ND<1000	ND<20000	ND<1000	ND<1000	ND<100000	--
09/27/01	--	ND<5.0	ND<5.0	--	ND<10	ND<200	ND<10	ND<10	ND<1000	--
12/27/01	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
03/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
06/27/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<1.0	ND<50	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<1.0	ND<50	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	6.6	ND<0.50	ND<0.50	ND<50	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<1000	--
MW-9D										
06/28/01	--	ND<2.5	ND<2.5	--	ND<5.0	ND<100	ND<5.0	ND<5.0	ND<500	--

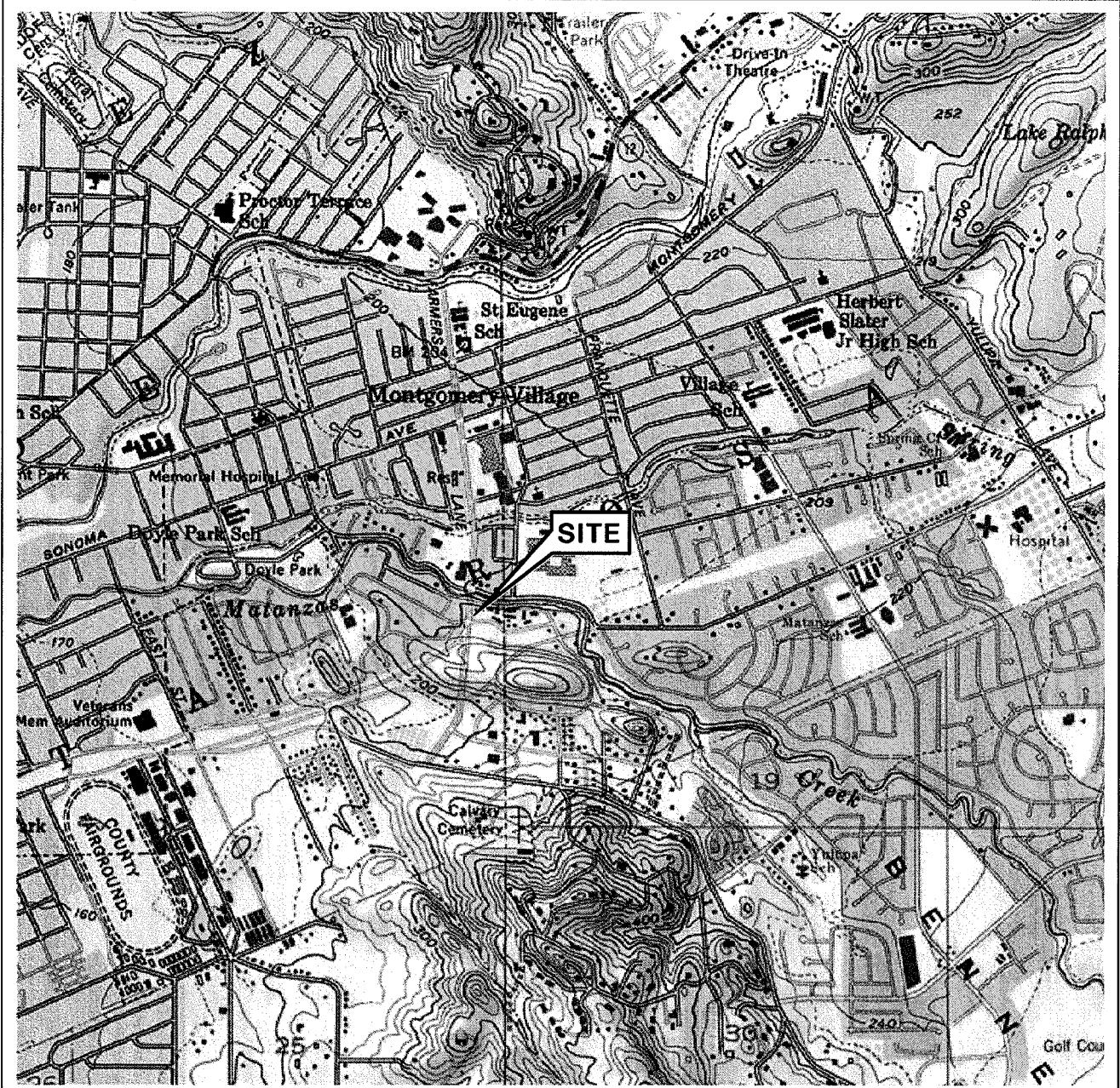
Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DPE 8260B	Ethanol 8260B	TOG	Chromium (VI)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)
MW-9D continued										
09/27/01	--	ND<10	ND<10	--	ND<20	ND<400	ND<20	ND<20	ND<2000	--
12/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--
03/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
06/27/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--
MW-9S										
D 06/28/01	--	ND<5.0	ND<5.0	--	ND<10	ND<200	ND<10	ND<10	150000	--
09/27/01	--	ND<100	ND<100	--	ND<200	ND<4000	ND<200	ND<200	ND<2000	--
12/27/01	--	ND<5.0	ND<5.0	--	ND<10	ND<200	ND<10	ND<10	ND<1000	--
03/26/02	--	ND<40	ND<40	--	ND<40	ND<2000	ND<40	ND<40	ND<10000	--
06/27/02	--	ND<40	ND<40	--	ND<40	ND<2000	ND<40	ND<40	ND<10000	--
09/26/02	--	ND<2.0	ND<2.0	--	3.9	ND<100	ND<2.0	ND<2.0	ND<500	--
12/26/02	--	ND<20	ND<20	--	ND<20	ND<1000	ND<20	ND<20	ND<5000	--
03/27/03	--	ND<10	ND<10	--	ND<10	ND<500	ND<10	ND<10	ND<200	--
06/24/03	--	ND<20	ND<20	--	ND<20	ND<1000	ND<20	ND<20	ND<5000	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former BP Oil 11249

Date Sampled	TPH-D	EDC	EDB	DO	TAME 8260B	TBA 8260B	DPE 8260B	ETBE 8260B	Ethanol 8260B	TOG	Chromium (VI) (mg/l)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)				
MW-9S continued											
09/30/03	--	ND<20	ND<20	--	ND<20	ND<1000	ND<20	ND<20	ND<5000	--	--
12/20/03	--	ND<20	ND<20	--	ND<20	ND<1000	ND<20	ND<20	ND<5000	--	--
03/25/04	--	ND<1.0	ND<1.0	--	ND<1.0	630	ND<2.0	ND<1.0	ND<100	--	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	800	ND<1	ND<1	ND<800	--	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	680	ND<1.0	ND<0.50	ND<50	--	ND<0.010
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	780	ND<1.0	ND<0.50	ND<50	--	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	610	ND<0.50	ND<0.50	ND<50	--	--
MW-10											
06/28/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
09/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
12/27/01	--	ND<0.50	ND<0.50	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<100	--	--
03/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/27/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/26/02	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/27/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
06/24/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
09/30/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
12/20/03	--	ND<2.0	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--
03/25/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
06/22/04	--	ND<0.5	ND<0.5	--	ND<1	ND<12	ND<1	ND<1	ND<800	--	--
09/01/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	ND<0.010
12/02/04	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--	--
03/11/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--	--
05/24/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	--	--
08/23/05	--	ND<0.50	ND<0.50	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<1000	--	--

FIGURES



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Santa Rosa Quadrangle



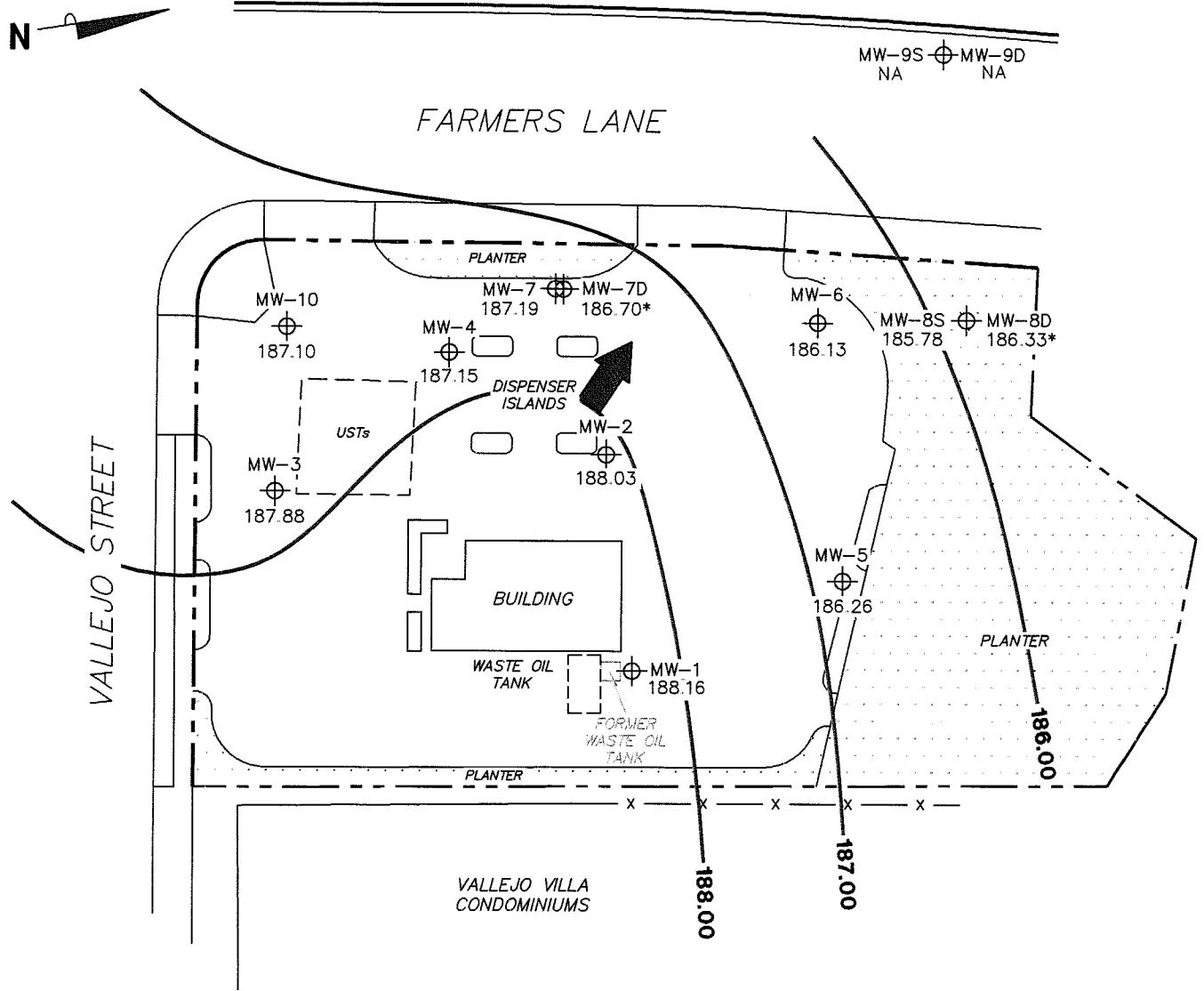
VICINITY MAP

Former BP Oil 11249
1300 Farmers Lane
Santa Rosa, California

PS = 1:1

TRC

FIGURE 1



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. * = not included in groundwater contour interpretation.

LEGEND

MW-10 Monitoring Well with Groundwater Elevation (feet)

188.00— Groundwater Elevation Contour

General Direction of Groundwater Flow

**GROUNDWATER ELEVATION
CONTOUR MAP
August 23, 2005**

Former BP Oil 11249
1300 Farmers Lane
Santa Rosa, California

SCALE (FEET)
0 50

PS=1:11249-003

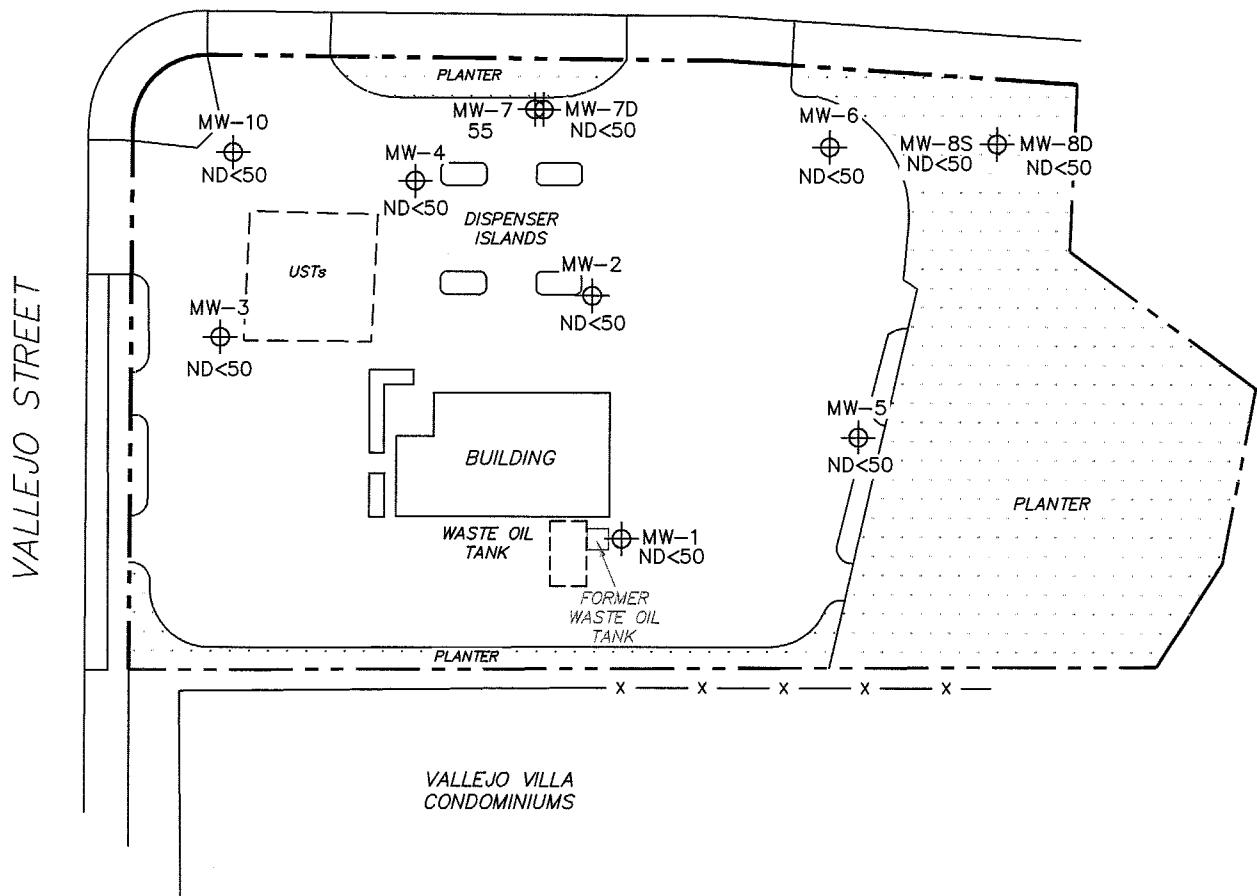
TRC

FIGURE 2

N

MW-9S MW-9D
(53) (ND<50)
3/11/2005 3/11/2005

FARMERS LANE



NOTES:

TPH-G = total petroleum hydrocarbons as gasoline

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.

UST = underground storage tank.

() = representative of historical value. Results obtained using EPA Method 8015.

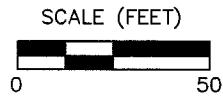
LEGEND

MW-10 Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)

DISSOLVED-PHASE TPH-G CONCENTRATION MAP

August 23, 2005

Former BP Oil 11249
1300 Farmers Lane
Santa Rosa, California



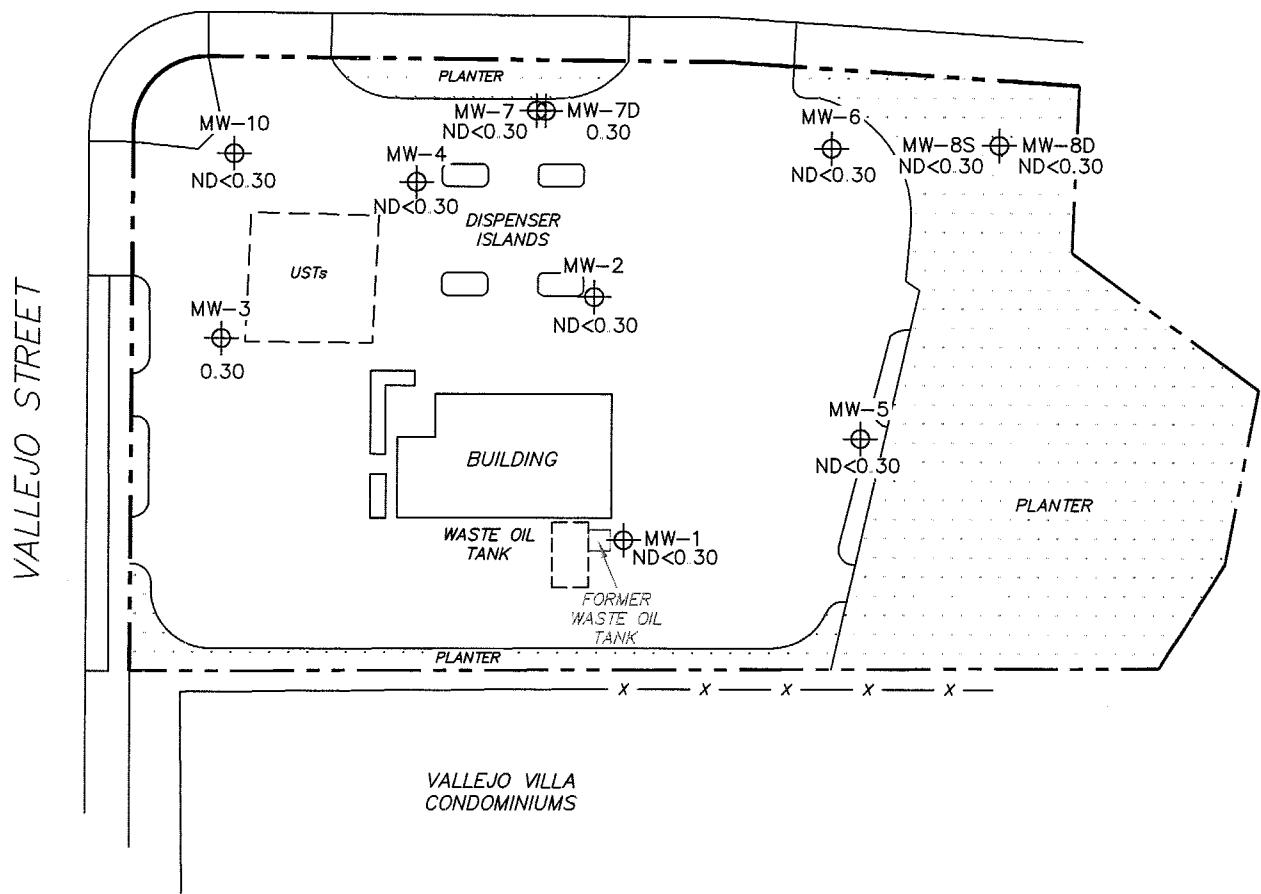
TRC

FIGURE 3

N

MW-9S MW-9D
(ND<0.50) (ND<0.50)
3/11/2005 3/11/2005

FARMERS LANE



NOTES:

$\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report.

UST = underground storage tank.

() = representative of historical value.

LEGEND

MW-10 Monitoring Well with Dissolved-Phase Benzene Concentration ($\mu\text{g/l}$)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP

August 23, 2005

Former BP Oil 11249
1300 Farmers Lane
Santa Rosa, California

PS=1:11249-003

SCALE (FEET)

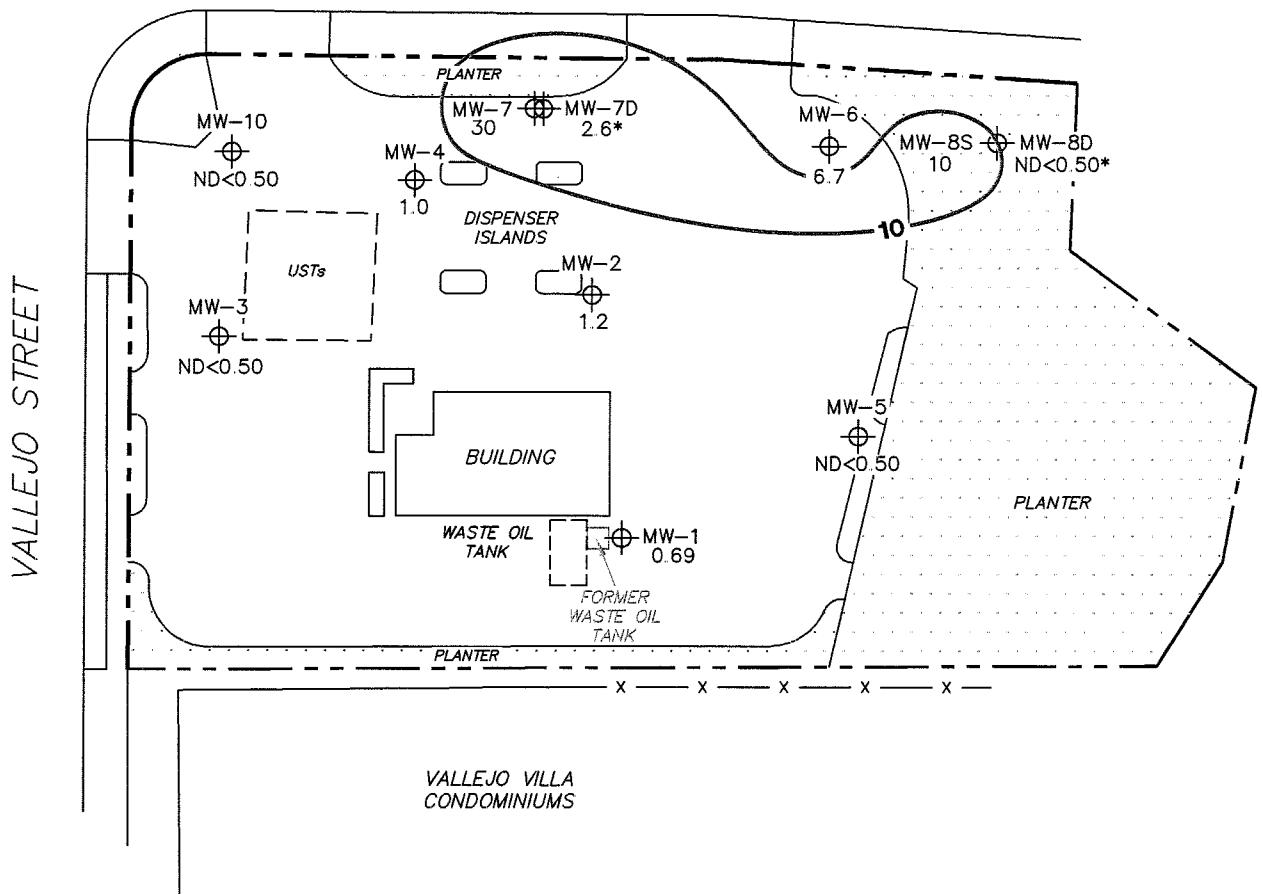
TRC

FIGURE 4

N

MW-9S MW-9D
(5.2) (ND<0.50)*
3/11/2005 3/11/2005

FARMERS LANE



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank.
() = representative of historical value. * = not included in contour interpretation. Results obtained using EPA Method 8260B.

LEGEND

- MW-10 Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- 10— Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
August 23, 2005

Former BP Oil 11249
1300 Farmers Lane
Santa Rosa, California

SCALE (FEET)
0 50

PS=1:11249-003

TRC

FIGURE 5

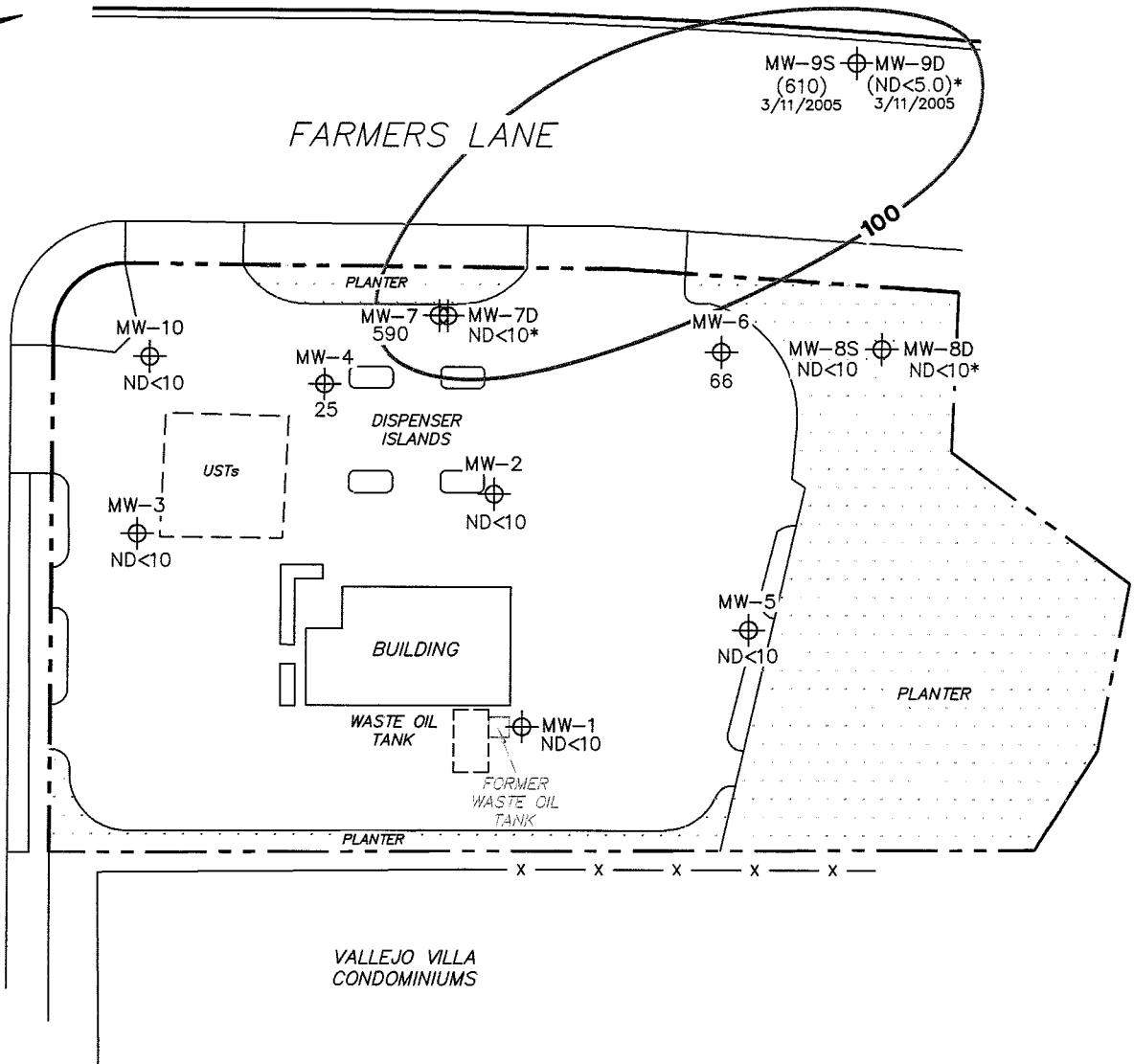
N

VALLEJO STREET

FARMERS LANE

MW-9S MW-9D
(610) (ND<5.0)*
3/11/2005 3/11/2005

100



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TBA = tertiary butyl alcohol.

$\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report.

UST = underground storage tank.

() = representative of historical value. * = not included in contour interpretation.

Results obtained using EPA Method 8260B.

LEGEND

MW-10 Monitoring Well with Dissolved-Phase TBA Concentration ($\mu\text{g/l}$)

100 Dissolved-Phase TBA Contour ($\mu\text{g/l}$)

DISSOLVED-PHASE TBA CONCENTRATION MAP
August 23, 2005

Former BP Oil 11249
1300 Farmers Lane
Santa Rosa, California

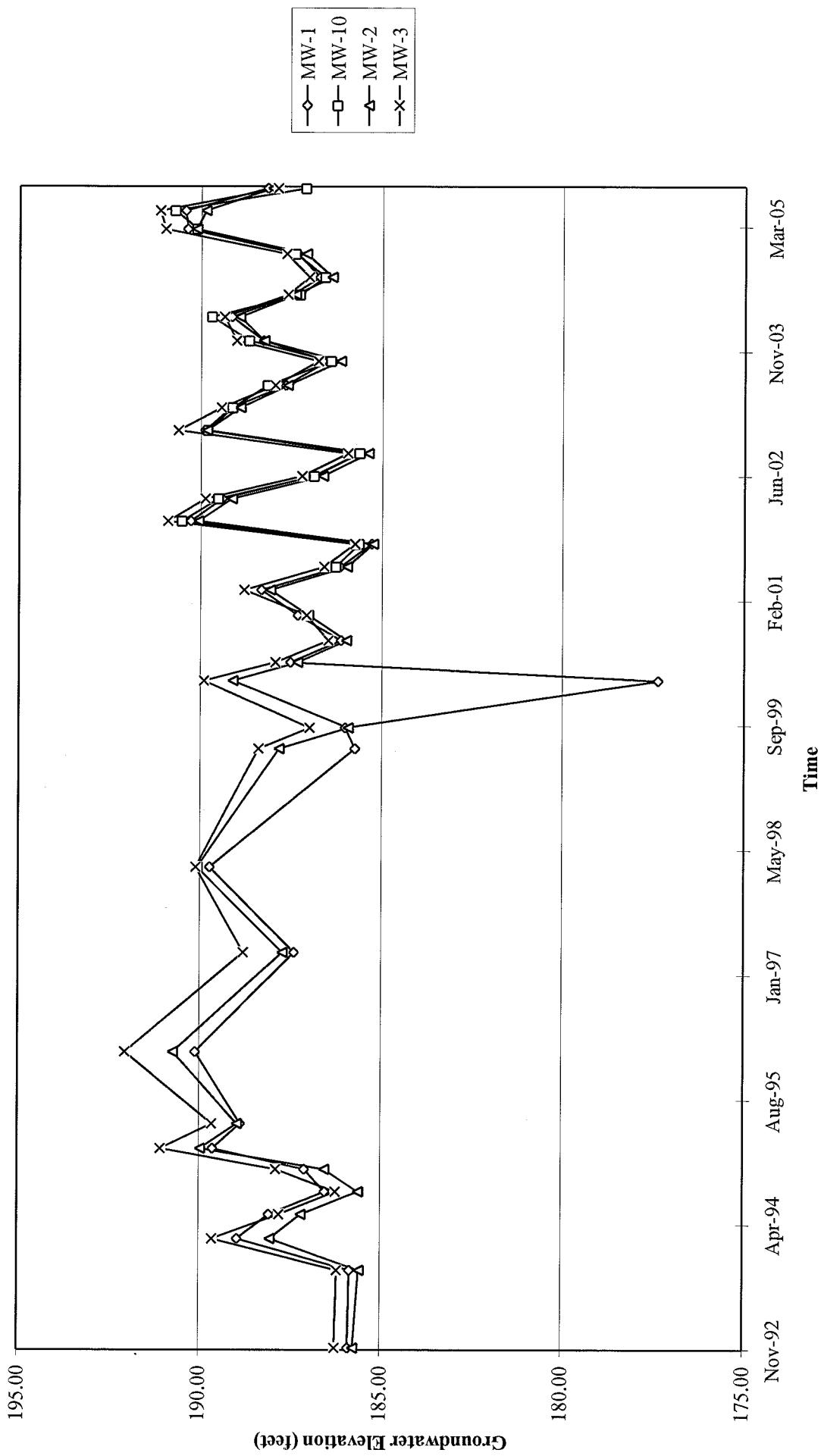
PS=1:11249-003

TRC

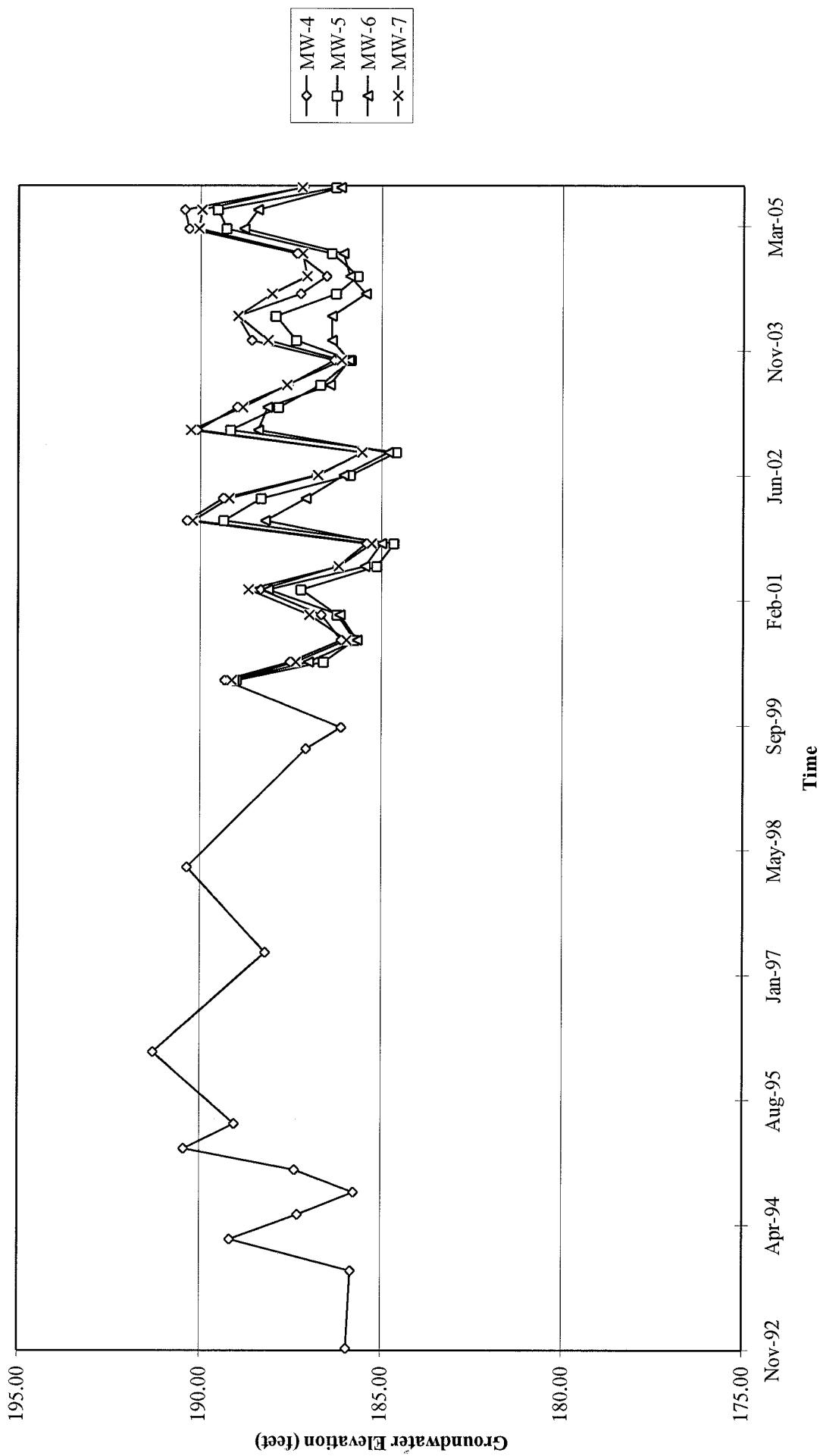
SCALE (FEET)
0 50

GRAPHS

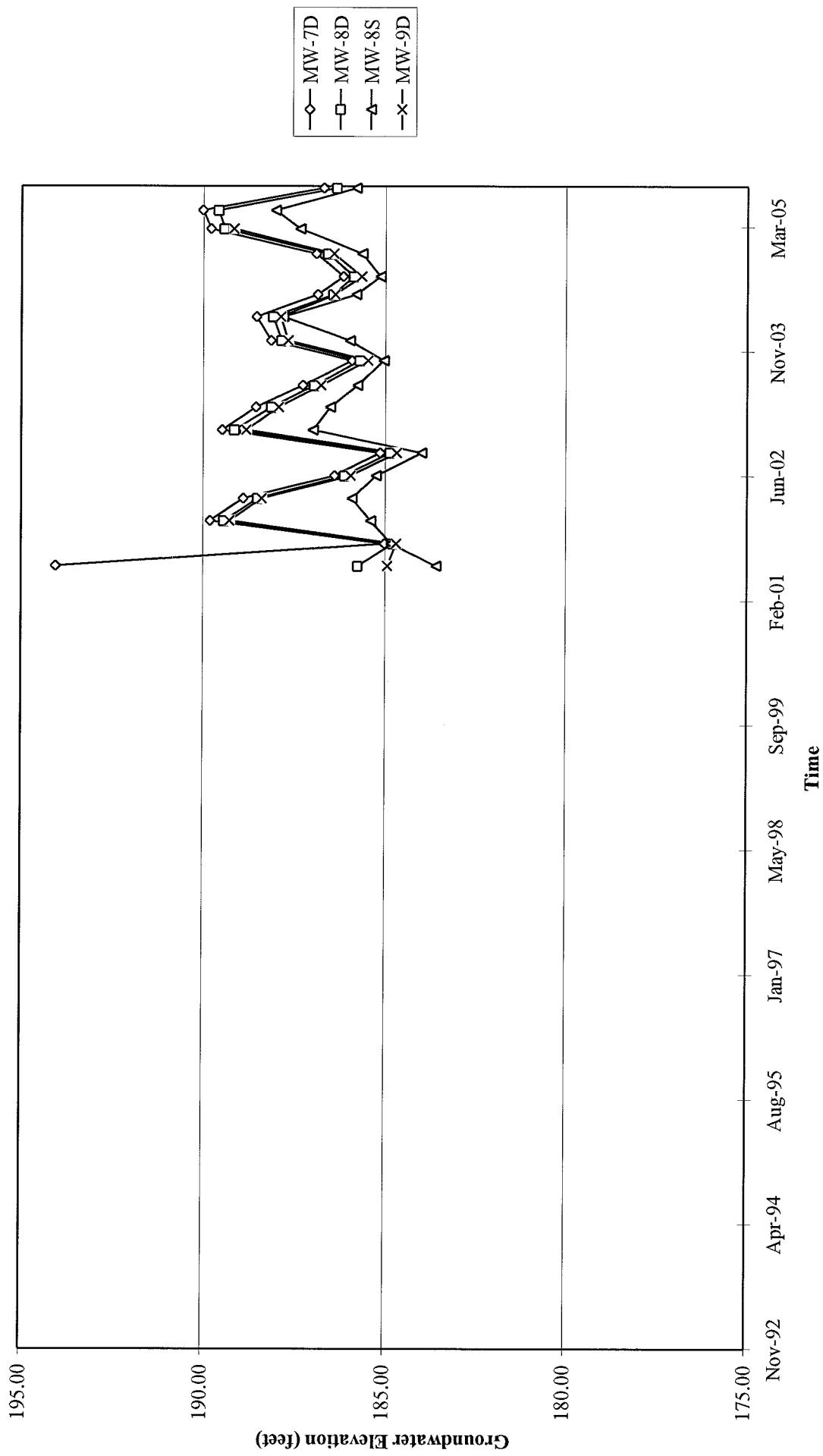
Groundwater Elevations vs. Time
Former BP Oil 11249



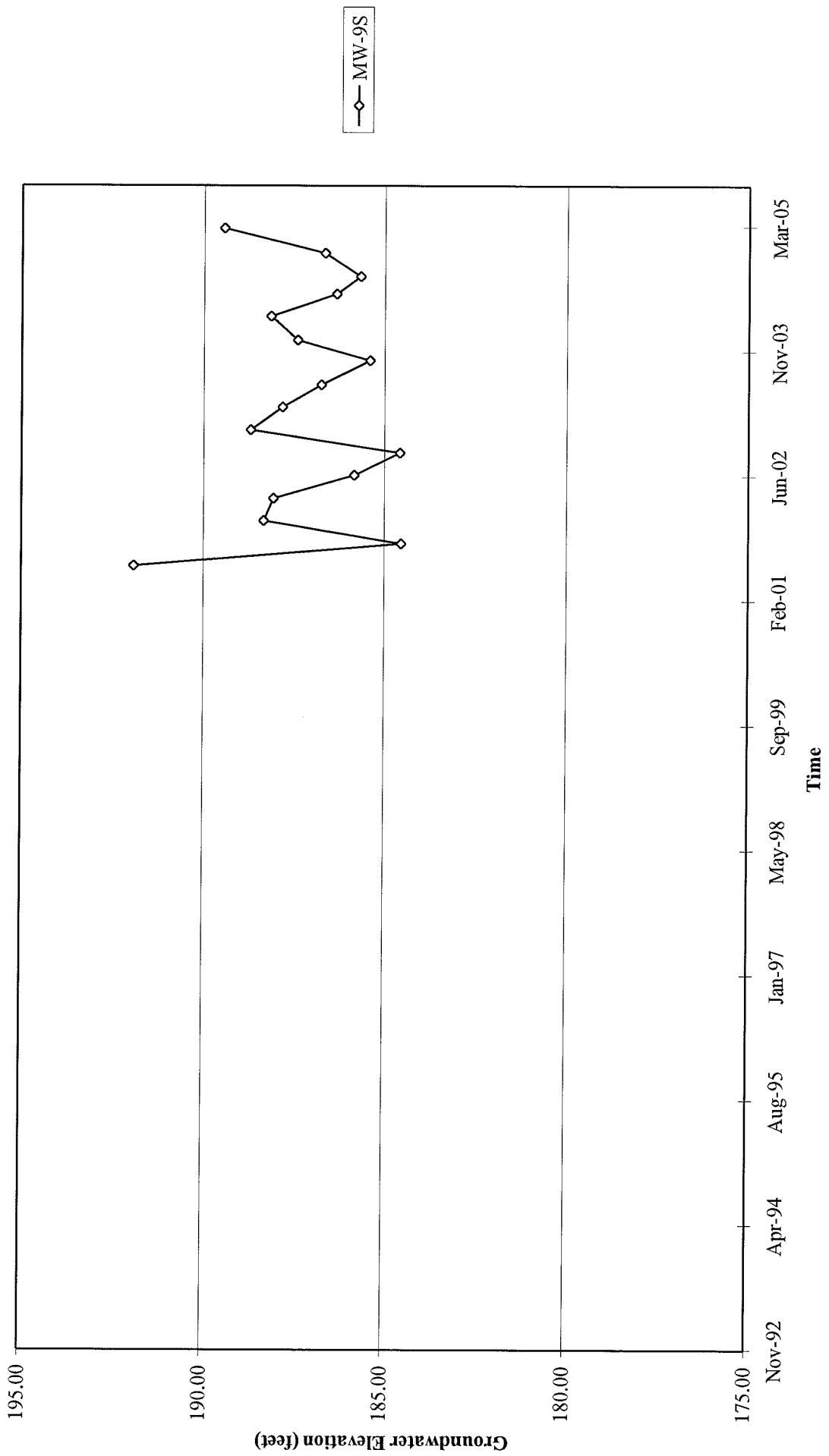
Groundwater Elevations vs. Time
Former BP Oil 11249



Groundwater Elevations vs. Time
Former BP Oil 11249

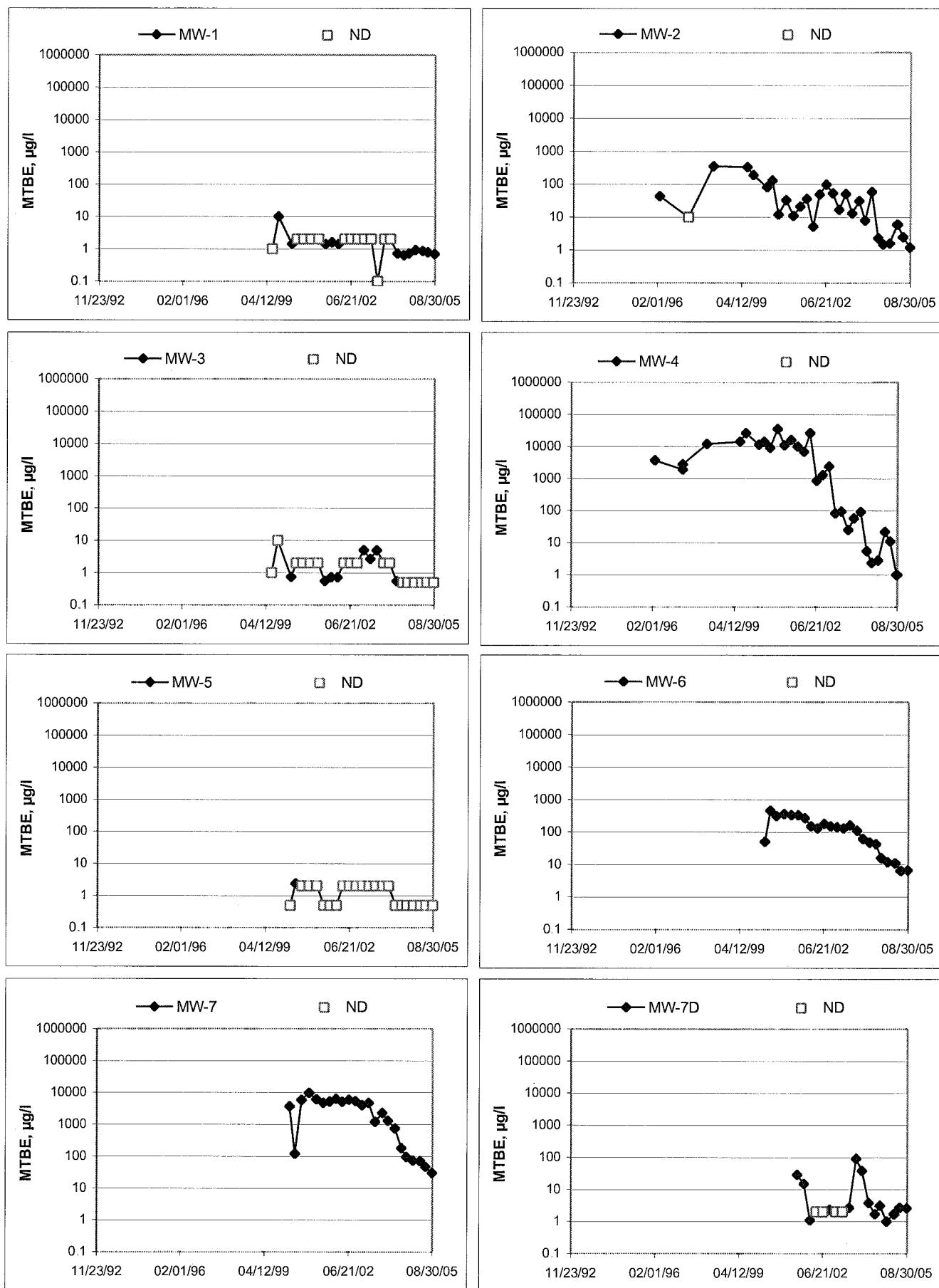


Groundwater Elevations vs. Time
Former BP Oil 11249

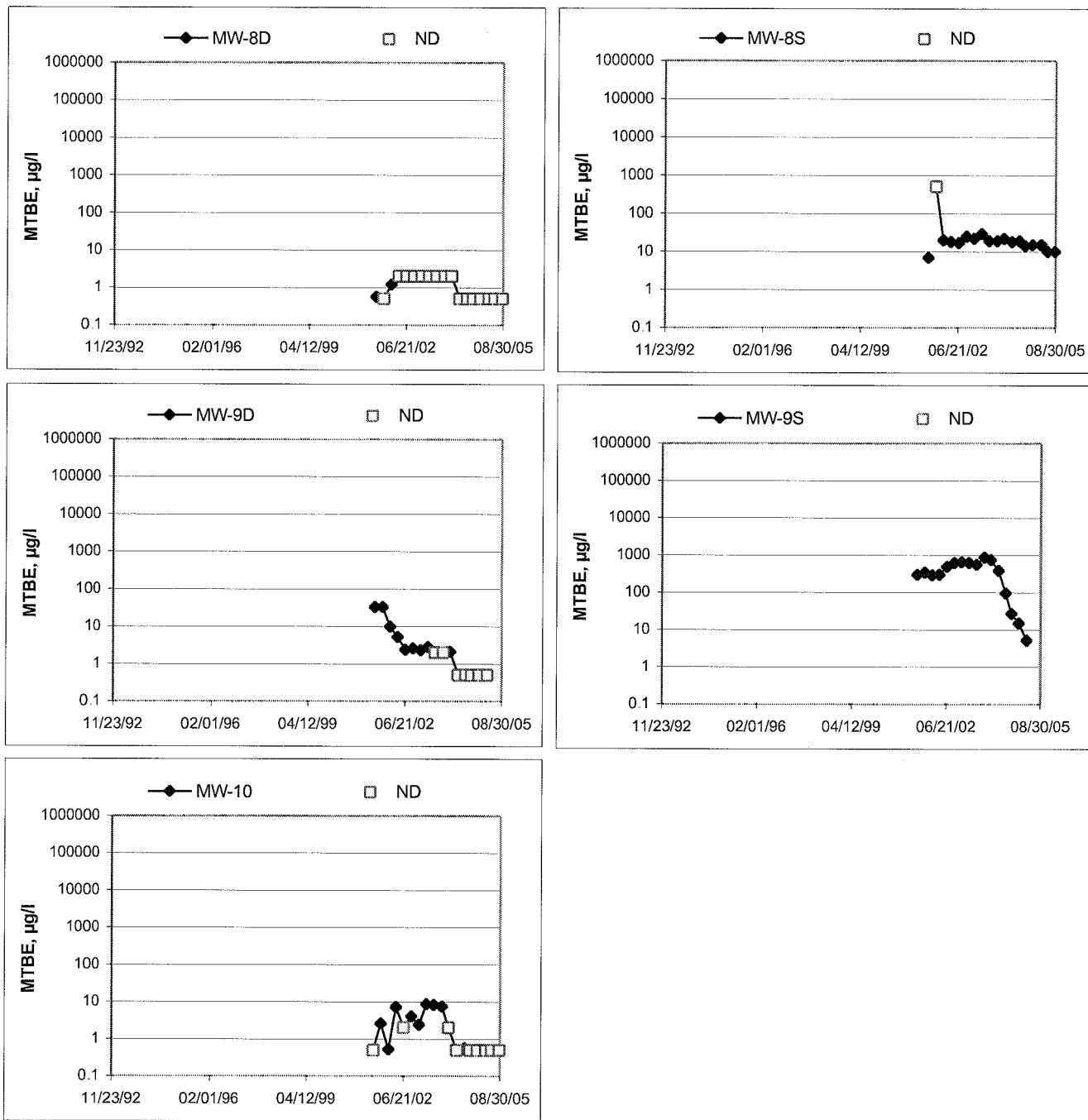


MTBE Concentrations vs Time

Former BP Oil 11249



MTBE Concentrations vs Time
Former BP Oil 11249



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, $\frac{1}{2}$ -inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: Melissa Basi Job #/Task #: 41050001/K420

Date: 08-23-05

Site # 11249

Project Manager A. Collins

Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-9D	-	-	-	-	-	-	N/S	inaccessible patch
MW-5	0629	✓	24.85	14.21	-	-	0815	2"
MW-3	0635	✓	26.51	12.28	-	-	0828	2"
MW-10	0640	✓	27.22	12.44	-	-	0838	2"
MW-1	0645	✓	36.21	13.18	-	-	0848	2"
MW-2	0648	✓	27.06	13.08	-	-	0856	2"
MW-9S	-	-	-	-	-	-	N/S	inaccessible
MW-4	0652	✓	25.93	12.91	-	-	0907	2"
MW-8D	0633	✓	58.79	14.73	-	-	0832	2"
MW-2D	0639	✓	59.23	13.93	-	-	0843	2"
MW-6	0645	✓	24.96	14.32	-	-	0853	2"
MW-9S	0650	✓	27.51	15.25	-	-	0901	2"
MW-7	0656	✓	25.66	13.37	-	-	0913	2"
<u>FIELD DATA COMPLETE</u>	<u>QA/QC</u>	<u>COC</u>	<u>WELL BOX CONDITION SHEETS</u>					
<u>WTT CERTIFICATE</u>	<u>MANIFEST</u>	<u>DRUM INVENTORY</u>	<u>TRAFFIC CONTROL</u>					

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 11249

Project No.: 41050001

Date: 03-23-05

Well No.: MW-2

Purge Method: Dia

Depth to Water (feet): 13.83

Depth to Product (feet): 8

Total Depth (feet): 27.08

LPH & Water Recovered (gallons): 6

Water Column (feet): 14.00

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 15.38

1 Well Volume (gallons): 2

Well No.: MW-4

Purge Method: Dra

Depth to Water (feet): 12.91

Depth to Product (feet): 6

Total Depth (feet): ~~25~~ 25.93

LPH & Water Recovered (gallons): 0

Water Column (feet) 13.02

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 15.51

1 Well Volume (gallons): 2

GROUNDWATER SAMPLING FIELD NOTES

Technician: MelissaSite: 11249Project No.: 41050001Date: 08-23-05Well No.: MW-5Purge Method: DiaDepth to Water (feet): 14.21Depth to Product (feet): 0Total Depth (feet): 24.55LPH & Water Recovered (gallons): 0Water Column (feet): 10.64Casing Diameter (Inches): 2"80% Recharge Depth (feet): 16.331 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0713			2	713	18.3	7.64		
			4	719	18.6	7.58		
0714			6	697	18.8	7.67		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
16.21			6			0815		

Comments: _____

Well No.: MW-3Purge Method: DiaDepth to Water (feet): 12.28Depth to Product (feet): 0Total Depth (feet): 26.51LPH & Water Recovered (gallons): 0Water Column (feet): 14.23Casing Diameter (Inches): 2"80% Recharge Depth (feet): 15.121 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0724			2	645	20.6	7.17		
			4	664	20.3	7.15		
0725			6	680	20.1	7.13		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
12.91			6			0828		

Comments: _____

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 11249

Project No.: 41050001

Date: 08-23-05

Well No.: MW-10

Purge Method DIA

Depth to Water (feet): 12.44

Depth to Product (feet): _____

Total Depth (feet): 27.22

LPH & Water Recovered (gallons): 0

Water Column (feet): 14.78

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 15.39

1 Well Volume (gallons): 2

Well No.: MW-1

Purge Method: Dig

Depth to Water (feet): 13.18

Depth to Product (feet): 6

Total Depth (feet): 36.21

LPH & Water Recovered (gallons): 0

Water Column (feet): 23.03

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 17.75

1 Well Volume (gallons): 4

GROUNDWATER SAMPLING FIELD NOTES

Technician: John

Site: 11249

Project No.: 4050001 / 0020

Date: 08/23/05

Well No.: 11w-8D

Purge Method: Sub

Depth to Water (feet): 14.73

Depth to Product (feet): 4

Total Depth (feet): 58.79

1 PH & Water Recovered (gallons): *0*

Water Column (feet): 44.06

Gaging Diameter (inches): 2"

80% Recharge Depth (feet): 23.54

1 Wall Volume (gallons) 7

Well No.: NW-70

Purge Method: SusD

Depth to Water (feet): 13.93

Depth to Product (feet): 1

Total Depth (feet): 59.23

LPH & Water Recovered (gallons): 10

Water Column (feet) 45.30

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 22.99

1 Well Volume (gallons): 7

GROUNDWATER SAMPLING FIELD NOTES

Technician: JAS

Site: 11249

Project No.: 40-50001/FN20

Date: 08/23/05

Well No.: New-6

Purge Method DIA

Depth to Water (feet): 14.32

Depth to Product (feet): _____

Total Depth (feet): 24.86

IPH & Water Recovered (gallons): 4

Water Column (feet): 10.54

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 16.493

1 Well Volume (gallons): 2

Well No.: AB-85

Purge Method: PIN

Depth to Water (feet): 75.25

Depth to Product (feet): 6

Total Depth (feet): 27.51

LPH & Water Recovered (gallons): 8

Water Column (feet): 12.26

Casing Diameter (Inches): 2 1/2

80% Recharge Depth (feet): 17.70

1 Well Volume (gallons): 2

GROUNDWATER SAMPLING FIELD NOTES

Site: 11249

Technician: 148

Project No.: 405aw: PAZ0

Date: 08/23/05

Well No.: 148-7

Purge Method: EAT

Depth to Water (feet): 13.37

Depth to Product (feet): 4

Total Depth (feet): 75.06

LPH 8 Water Recovered (gallons):

Water Column (feet): 11.67

Casing Diameter (Inches): 3"

80% Recharge Depth (feet): ~~13.31~~

1 Well Volume (gallons): 2

Well No.: 1

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 08-23-05 STATION NUMBER: 11249

NAME OF TECH: Melissa Obasi CALLED GORDON: _____

CALLED PM: _____ NAME OF PM CALLED: Adrienne Collins

WELL NUMBER: MW-9D STATEMENT FROM PM _____ OR TECH X

paved over

WELL NUMBER: MW-9S STATEMENT FROM PM _____ OR TECH X

paved over

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____



Date of Report: 09/27/2005

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302
RE: 11249

BC Lab Number: 0508441

Enclosed are the results of analyses for samples received by the laboratory on 08/23/05 22:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Surratt".

Contact Person: Vanessa Surratt
Client Service Rep

A handwritten signature in black ink, appearing to read "Anju Farfan".

Authorized Signature



Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0508441-01	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 08:15	Global ID: T0609700575
	Sampling Location:	MW-5	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-5	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		
0508441-02	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 08:28	Global ID: T0609700575
	Sampling Location:	MW-3	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-3	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		
0508441-03	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 08:38	Global ID: T0609700575
	Sampling Location:	MW-10	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-10	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		
0508441-04	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 08:48	Global ID: T0609700575
	Sampling Location:	MW-1	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-1	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		
0508441-05	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 08:56	Global ID: T0609700575
	Sampling Location:	MW-2	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-2	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		



Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0508441-06	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 09:07	Global ID: T0609700575
	Sampling Location:	MW-4	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-4	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		
0508441-07	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 08:36	Global ID: T0609700575
	Sampling Location:	MW-8D	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-8D	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		
0508441-08	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 08:43	Global ID: T0609700575
	Sampling Location:	MW-7D	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-7D	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		
0508441-09	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 08:53	Global ID: T0609700575
	Sampling Location:	MW-6	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-6	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		
0508441-10	COC Number:	---	Receive Date:	08/23/05 22:00	Delivery Work Order (LabW:
	Project Number:	11249	Sampling Date:	08/23/05 09:01	Global ID: T0609700575
	Sampling Location:	MW-8S	Sample Depth:	---	Matrix: V
	Sampling Point:	MW-8S	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Basi/Melissa of TRCI	Cooler ID:		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0508441-11 COC Number: ---
Project Number: 11249
Sampling Location: MW-7
Sampling Point: MW-7
Sampled By: Basi/Melissa of TRCI

Receive Date: 08/23/05 22:00
Sampling Date: 08/23/05 09:13
Sample Depth: ---
Sample Matrix: Water

Delivery Work Order (LabW:
Global ID: T0609700575
Matrix: W
Samle QC Type (SACode): CS
Cooler ID:



Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508441-01 Client Sample Name: 11249, MW-5, MW-5, 8/23/2005 8:15:00AM, Bas!/Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458	ND		
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458	ND		
Ethanol	ND	ug/L	1000		EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	76 - 114 (LCL - UCL)	EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458				
Toluene-d8 (Surrogate)	96.6	%	88 - 110 (LCL - UCL)	EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458				
4-Bromofluorobenzene (Surrogate)	88.2	%	86 - 115 (LCL - UCL)	EPA-8260	08/26/05	08/29/05 18:47	lrf	MS-V9	1	BOH1458				



BC Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0508441-01 Client Sample Name: 11249, MW-5, MW-5, 8/23/2005 8:15:00AM, Bas/ Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05 09/04/05	13:21	tff	GC-V7	1	BOH1534	ND		
Toluene	ND	ug/L	0.30		EPA-8021	08/31/05 09/04/05	13:21	tff	GC-V7	1	BOH1534	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05 09/04/05	13:21	tff	GC-V7	1	BOH1534	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	08/31/05 09/04/05	13:21	tff	GC-V7	1	BOH1534	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/31/05 09/04/05	13:21	tff	GC-V7	1	BOH1534	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05 09/04/05	13:21	tff	GC-V7	1	BOH1534	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	106	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05 09/04/05	13:21	tff	GC-V7	1	BOH1534			
a,a,a-Trifluorotoluene (FID Surrogate)	107	%	70 - 130 (LCL - UCL)		Luft	08/31/05 09/04/05	13:21	tff	GC-V7	1	BOH1534			

Reported: 09/27/05 08:40



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508441-02 Client Sample Name: 11249, MW-3, MW-3, 8/23/2005 8:28:00AM, Basi/Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458	ND		
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458	ND		
Ethanol	ND	ug/L	1000		EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458	ND		
Ethy t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane-d4 (Surrogate)	94.6	%	76 - 114 (LCL - UCL)	EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458				
Toluene-d8 (Surrogate)	92.9	%	88 - 110 (LCL - UCL)	EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458				
4-Bromofluorobenzene (Surrogate)	89.3	%	86 - 115 (LCL - UCL)	EPA-8260	08/26/05	09/01/05 07:34	lrf	MS-V9	1	BOH1458				



BC Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0508441-02 Client Sample Name: 11249, MW-3, MW-3, 8/23/2005 8:28:00AM, Bas/ Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	0.30	ug/L	0.30		EPA-8021	08/31/05	09/04/05 20:24	tff	GC-V7	1	BOH1534	ND		
Toluene	1.0	ug/L	0.30		EPA-8021	08/31/05	09/04/05 20:24	tff	GC-V7	1	BOH1534	ND		
Ethylbenzene	0.35	ug/L	0.30		EPA-8021	08/31/05	09/04/05 20:24	tff	GC-V7	1	BOH1534	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	08/31/05	09/04/05 20:24	tff	GC-V7	1	BOH1534	ND		
Total Xylenes	1.4	ug/L	0.60		EPA-8021	08/31/05	09/04/05 20:24	tff	GC-V7	1	BOH1534	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05	09/04/05 20:24	tff	GC-V7	1	BOH1534	ND		
a,a,a-Trifluorotoluene (FID Surrogate)	95.2	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05	09/04/05 20:24	tff	GC-V7	1	BOH1534			
a,a,a-Trifluorotoluene (FID Surrogate)	96.9	%	70 - 130 (LCL - UCL)		Luft	08/31/05	09/04/05 20:24	tff	GC-V7	1	BOH1534			



BC Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:		0508441-03	Client Sample Name:	11249, MW-10, MW-10, 8/23/2005	8:38:00AM, Basl/Melissa	Prep Run	Instru-	QC	MB	Lab	Quals	
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	ND
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	ND
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	ND
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	ND
t-Butyl alcohol	ND	ug/L	10	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	ND
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	ND
Ethanol	ND	ug/L	1000	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	ND
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	ND
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	
Toluene-d8 (Surrogate)	95.2	%	88 - 110 (LCL - UCL)	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	
4-Bromofluorobenzene (Surrogate)	89.7	%	86 - 115 (LCL - UCL)	EPA-8260	08/26/05	09/01/05	08:02	lrf	MS-V9	1	BOH1458	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0508441-03		Client Sample Name:		11249, MW-10, MW-10, 8/23/2005		8:38:00AM, Basi/Melissa							
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab Quals	
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 20:52	tff	GC-V7	1	BOH1534	ND			
Toluene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 20:52	tff	GC-V7	1	BOH1534	ND			
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 20:52	tff	GC-V7	1	BOH1534	ND			
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	08/31/05	09/04/05 20:52	tff	GC-V7	1	BOH1534	ND			
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/31/05	09/04/05 20:52	tff	GC-V7	1	BOH1534	ND			
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05	09/04/05 20:52	tff	GC-V7	1	BOH1534	ND			
a,a,a-Trifluorotoluene (PID Surrogate)	89.7	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05	09/04/05 20:52	tff	GC-V7	1	BOH1534				
a,a,a-Trifluorotoluene (FID Surrogate)	92.2	%	70 - 130 (LCL - UCL)		Luft	08/31/05	09/04/05 20:52	tff	GC-V7	1	BOH1534				



Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508441-04 Client Sample Name: 11249, MW-1, MW-1, 8/23/2005 8:48:00AM, Bas/ Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458	ND		
Methyl t-butyl ether	0.69	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458	ND		
Ethanol	ND	ug/L	1000		EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane-d4 (Surrogate)	99.6	%	76 - 114 (LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458				
Toluene-d8 (Surrogate)	97.3	%	88 - 110 (LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458				
4-Bromofluorobenzene (Surrogate)	90.1	%	86 - 115 (LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:01	lrf	MS-V9	1	BOH1458				



BC Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0508441-04 Client Sample Name: 11249, MW-1, MW-1, 8/23/2005 8:48:00AM, Basí/Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05 09/04/05	21:20 tff		GC-V7	1	BOH1534	ND		
Toluene	0.38	ug/L	0.30		EPA-8021	08/31/05 09/04/05	21:20 tff		GC-V7	1	BOH1534	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05 09/04/05	21:20 tff		GC-V7	1	BOH1534	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	08/31/05 09/04/05	21:20 tff		GC-V7	1	BOH1534	ND		
Total Xylenes	0.67	ug/L	0.60		EPA-8021	08/31/05 09/04/05	21:20 tff		GC-V7	1	BOH1534	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05 09/04/05	21:20 tff		GC-V7	1	BOH1534	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	82.3	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05 09/04/05	21:20 tff		GC-V7	1	BOH1534			
a,a,a-Trifluorotoluene (FID Surrogate)	84.5	%	70 - 130 (LCL - UCL)		Luft	08/31/05 09/04/05	21:20 tff		GC-V7	1	BOH1534			



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Project: 11249
Project Number: [none]
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Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508441-05 Client Sample Name: 11249, MW-2, MW-2, 8/23/2005 8:56:00AM, Bas/ Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instru-ment ID	Dilution	QC	MB	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458	ND	
Methyl t-butyl ether	1.2	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458	ND	
Ethanol	ND	ug/L	1000		EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458	ND	
1,2-Dichloroethane-d4 (Surrogate)	89.1	%	76 - 114	(LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458		
Toluene-d8 (Surrogate)	96.6	%	88 - 110	(LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458		
4-Bromofluorobenzene (Surrogate)	91.3	%	86 - 115	(LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:29	lrf	MS-V9	1	BOH1458		



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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0508441-05 Client Sample Name: 11249, MW-2, MW-2, 8/23/2005 8:56:00AM, Bas/ Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 21:49	tff	GC-V7	1	BOH1534	ND		
Toluene	1.0	ug/L	0.30		EPA-8021	08/31/05	09/04/05 21:49	tff	GC-V7	1	BOH1534	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 21:49	tff	GC-V7	1	BOH1534	ND		
Methyl t-butyl ether	1.8	ug/L	1.0		EPA-8021	08/31/05	09/04/05 21:49	tff	GC-V7	1	BOH1534	ND		
Total Xylenes	1.2	ug/L	0.60		EPA-8021	08/31/05	09/04/05 21:49	tff	GC-V7	1	BOH1534	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05	09/04/05 21:49	tff	GC-V7	1	BOH1534	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	90.4	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05	09/04/05 21:49	tff	GC-V7	1	BOH1534			
a,a,a-Trifluorotoluene (FID Surrogate)	92.4	%	70 - 130 (LCL - UCL)		Luft	08/31/05	09/04/05 21:49	tff	GC-V7	1	BOH1534			



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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508441-06 Client Sample Name: 11249, MW-4, MW-4, 8/23/2005 9:07:00AM, Bas/Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458	ND		
Methyl t-butyl ether	1.0	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458	ND		
t-Butyl alcohol	25	ug/L	10		EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458	ND		
Ethanol	ND	ug/L	1000		EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114	(LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458			
Toluene-d8 (Surrogate)	97.6	%	88 - 110	(LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458			
4-Bromofluorobenzene (Surrogate)	86.8	%	86 - 115	(LCL - UCL)	EPA-8260	08/26/05	08/30/05 18:57	lrf	MS-V9	1	BOH1458			



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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0508441-06 Client Sample Name: 11249, MW-4, MW-4, 8/23/2005 9:07:00AM, Bas/ Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 22:17	tff	GC-V7	1	BOH1534	ND		
Toluene	0.53	ug/L	0.30		EPA-8021	08/31/05	09/04/05 22:17	tff	GC-V7	1	BOH1534	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 22:17	tff	GC-V7	1	BOH1534	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	08/31/05	09/04/05 22:17	tff	GC-V7	1	BOH1534	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/31/05	09/04/05 22:17	tff	GC-V7	1	BOH1534	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05	09/04/05 22:17	tff	GC-V7	1	BOH1534	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	92.9	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05	09/04/05 22:17	tff	GC-V7	1	BOH1534			
a,a,a-Trifluorotoluene (FID Surrogate)	93.2	%	70 - 130 (LCL - UCL)		Luft	08/31/05	09/04/05 22:17	tff	GC-V7	1	BOH1534			



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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:		0508441-07	Client Sample Name:		11249, MW-8D, MW-8D, 8/23/2005		8:36:00AM, Basí/Melissa							
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instrument ID	Dilution	QC	MB	Lab Quals	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458	ND		
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458	ND		
Ethanol	ND	ug/L	1000		EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458	ND		
1,2-Dichloroethane-d4 (Surrogate)	98.0	%	76 - 114 (LCL - UCL)	EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458				
Toluene-d8 (Surrogate)	93.8	%	88 - 110 (LCL - UCL)	EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458				
4-Bromofluorobenzene (Surrogate)	87.7	%	86 - 115 (LCL - UCL)	EPA-8260	08/26/05	08/30/05 19:24	lrf	MS-V9	1	BOH1458				



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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0508441-07		Client Sample Name: 11249, MW-8D, MW-8D, 8/23/2005		8:36:00AM, Basí/Melissa		Run	Instru-	Batch ID	QC	MB	Bias	Lab	Quals			
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Bias	Lab	Quals
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 22:45	tff	GC-V7	1	BOH1534	ND				
Toluene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 22:45	tff	GC-V7	1	BOH1534	ND				
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 22:45	tff	GC-V7	1	BOH1534	ND				
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	08/31/05	09/04/05 22:45	tff	GC-V7	1	BOH1534	ND				
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/31/05	09/04/05 22:45	tff	GC-V7	1	BOH1534	ND				
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05	09/04/05 22:45	tff	GC-V7	1	BOH1534	ND				
a,a-Trifluorotoluene (PID Surrogate)	93.2	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05	09/04/05 22:45	tff	GC-V7	1	BOH1534					
a,a-Trifluorotoluene (FID Surrogate)	95.1	%	70 - 130 (LCL - UCL)		Luft	08/31/05	09/04/05 22:45	tff	GC-V7	1	BOH1534					



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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:		0508441-08	Client Sample Name:		11249, MW-7D, MW-7D, 8/23/2005		8:43:00AM, Basu/Melissa					
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instru-	QC	MB	Lab
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044	ND
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044	ND
Methyl t-butyl ether	2.6	ug/L	0.50		EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044	ND
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044	ND
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044	ND
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044	ND
Ethanol	ND	ug/L	1000		EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044	ND
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044	ND
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044		
Toluene-d8 (Surrogate)	90.9	%	88 - 110 (LCL - UCL)	EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044		
4-Bromofluorobenzene (Surrogate)	86.0	%	86 - 115 (LCL - UCL)	EPA-8260	08/29/05	09/01/05 08:29	lrf	MS-V9	1	BO10044		



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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0508441-08		Client Sample Name:		11249, MW-7D, MW-7D, 8/23/2005		8:43:00AM, Basi/Melissa							
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals	
Benzene	0.30	ug/L	0.30		EPA-8021	08/31/05	09/04/05 23:13	tff	GC-V7	1	BOH1534	ND			
Toluene	0.88	ug/L	0.30		EPA-8021	08/31/05	09/04/05 23:13	tff	GC-V7	1	BOH1534	ND			
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 23:13	tff	GC-V7	1	BOH1534	ND			
Methyl t-butyl ether	2.8	ug/L	1.0		EPA-8021	08/31/05	09/04/05 23:13	tff	GC-V7	1	BOH1534	ND			
Total Xylenes	0.86	ug/L	0.60		EPA-8021	08/31/05	09/04/05 23:13	tff	GC-V7	1	BOH1534	ND			
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05	09/04/05 23:13	tff	GC-V7	1	BOH1534	ND			
a,a,a-Trifluorotoluene (PID Surrogate)	88.3	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05	09/04/05 23:13	tff	GC-V7	1	BOH1534				
a,a,a-Trifluorotoluene (FID Surrogate)	89.7	%	70 - 130 (LCL - UCL)		Luft	08/31/05	09/04/05 23:13	tff	GC-V7	1	BOH1534				



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Project: 11249
Project Number: [none]
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508441-09 Client Sample Name: 11249, MW-6, MVW-6, 8/23/2005 8:53:00AM, Bas/I/Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Bias	Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044		ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044		ND		
Methyl t-butyl ether	6.7	ug/L	0.50		EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044		ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044		ND		
t-Butyl alcohol	66	ug/L	10		EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044		ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044		ND		
Ethanol	ND	ug/L	1000		EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044		ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044		ND		
1,2-Dichloroethane-d4 (Surrogate)	98.6	%	76 - 114 (LCL - UCL)	EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044					
Toluene-d8 (Surrogate)	93.2	%	88 - 110 (LCL - UCL)	EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044					
4-Bromofluorobenzene (Surrogate)	87.7	%	86 - 115 (LCL - UCL)	EPA-8260	08/29/05 09/01/05 08:57	lrf	MS-V9	1		BOI0044					



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Project: 11249
Project Number: [none]
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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0508441-09 Client Sample Name: 11249, MW-6, MW-6, 8/23/2005 8:53:00AM, Bas/I/Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab	Quals
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 23:41	tff	GC-V7	1	BOH1534	ND			
Toluene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 23:41	tff	GC-V7	1	BOH1534	ND			
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/04/05 23:41	tff	GC-V7	1	BOH1534	ND			
Methyl t-butyl ether	7.2	ug/L	1.0		EPA-8021	08/31/05	09/04/05 23:41	tff	GC-V7	1	BOH1534	ND			
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/31/05	09/04/05 23:41	tff	GC-V7	1	BOH1534	ND			
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05	09/04/05 23:41	tff	GC-V7	1	BOH1534	ND	A53		
a,a-a-Trifluorotoluene (PID Surrogate)	92.9	%	70 - 130 (LCL - UCL)	EPA-8021	08/31/05	09/04/05 23:41	tff	GC-V7	1	BOH1534					
a,a-a-Trifluorotoluene (FID Surrogate)	94.9	%	70 - 130 (LCL - UCL)	Luft	08/31/05	09/04/05 23:41	tff	GC-V7	1	BOH1534					



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Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:		0508441-10		Client Sample Name:		11249, MW-8S, MW-8S, 8/23/2005		9:01:00AM, Basu/Melissa							
Constituent	Result	Units	PQL	MDL	Method	Date	Run	Instrument	Analyst	Dilution	Batch ID	QC	MB	Lab	Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044		ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044		ND		
Methyl t-butyl ether	10	ug/L	0.50		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044		ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044		ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044		ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044		ND		
Ethanol	ND	ug/L	1000		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044		ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044		ND		
1,2-Dichloroethane-d4 (Surrogate)	96.9	%	76 - 114 (LCL - UCL)		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044				
Toluene-d8 (Surrogate)	95.7	%	88 - 110 (LCL - UCL)		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044				
4-Bromofluorobenzene (Surrogate)	87.2	%	86 - 115 (LCL - UCL)		EPA-8260	08/29/05	09/01/05 14:29	lrf	MS-V9	1	BOI0044				



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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0508441-10		Client Sample Name:		11249, MW-8S, MW-8S, 8/23/2005		9:01:00AM, Basj/Melissa							
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals	
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05	09:05/05 00:09	tff	GC-V7	1	BOH1534	ND			
Toluene	0.44	ug/L	0.30		EPA-8021	08/31/05	09:05/05 00:09	tff	GC-V7	1	BOH1534	ND			
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05	09:05/05 00:09	tff	GC-V7	1	BOH1534	ND			
Methyl t-butyl ether	11	ug/L	1.0		EPA-8021	08/31/05	09:05/05 00:09	tff	GC-V7	1	BOH1534	ND			
Total Xylenes	0.62	ug/L	0.60		EPA-8021	08/31/05	09:05/05 00:09	tff	GC-V7	1	BOH1534	ND			
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/31/05	09:05/05 00:09	tff	GC-V7	1	BOH1534	ND	A53		
a,a,a-Trifluorotoluene (PID Surrogate)	96.0	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05	09:05/05 00:09	tff	GC-V7	1	BOH1534				
a,a,a-Trifluorotoluene (FID Surrogate)	96.7	%	70 - 130 (LCL - UCL)		Luft	08/31/05	09:05/05 00:09	tff	GC-V7	1	BOH1534				



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Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508441-11 Client Sample Name: 11249, MW-7, MVV-7, 8/23/2005 9:13:00AM, Basi/Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab	Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044		ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044		ND		
Methyl t-butyl ether	30	ug/L	0.50		EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044		ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044		ND		
t-Butyl alcohol	590	ug/L	10		EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044		ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044		ND		
Ethanol	ND	ug/L	1000		EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044		ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044		ND		
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044					
Toluene-d8 (Surrogate)	95.0	%	88 - 110 (LCL - UCL)	EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044					
4-Bromofluorobenzene (Surrogate)	86.2	%	86 - 115 (LCL - UCL)	EPA-8260	08/29/05 09/01/05	14:56	lrf	MS-V9	1	BOI0044					



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Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0508441-11 Client Sample Name: 11249, MW-7, 8/23/2005 9:13:00AM, Bas/IMelissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/05/05 00:37	tff	GC-V7	1	BOH1534	ND		
Toluene	2.4	ug/L	0.30		EPA-8021	08/31/05	09/05/05 00:37	tff	GC-V7	1	BOH1534	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/31/05	09/05/05 00:37	tff	GC-V7	1	BOH1534	ND		
Methyl t-butyl ether	31	ug/L	1.0		EPA-8021	08/31/05	09/05/05 00:37	tff	GC-V7	1	BOH1534	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/31/05	09/05/05 00:37	tff	GC-V7	1	BOH1534	ND		
Gasoline Range Organics (C4 - C12)	55	ug/L	50		Luft	08/31/05	09/05/05 00:37	tff	GC-V7	1	BOH1534	ND	A53	
a,a,a-Trifluorotoluene (PID Surrogate)	96.9	%	70 - 130 (LCL - UCL)		EPA-8021	08/31/05	09/05/05 00:37	tff	GC-V7	1	BOH1534			
a,a,a-Trifluorotoluene (FID Surrogate)	98.1	%	70 - 130 (LCL - UCL)		Luft	08/31/05	09/05/05 00:37	tff	GC-V7	1	BOH1534			



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21 Technology Drive
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Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source	Result	Spike	Units	RPD	Percent Recovery	Percent Recovery	Control Limits
						Added					
1,2-Dichloroethane-d4 (Surrogate)	BOH1458	BOH1458-MS1	Matrix Spike	ND	10.510	10.000	ug/L	105	76 - 114	76 - 114	
		BOH1458-MSD1	Matrix Spike Duplicate	ND	10.680	10.000	ug/L	107	76 - 114	76 - 114	
Toluene-d8 (Surrogate)	BOH1458	BOH1458-MS1	Matrix Spike	ND	9.8700	10.000	ug/L	98.7	88 - 110	88 - 110	
		BOH1458-MSD1	Matrix Spike Duplicate	ND	9.5800	10.000	ug/L	95.8	88 - 110	88 - 110	
4-Bromofluorobenzene (Surrogate)	BOH1458	BOH1458-MS1	Matrix Spike	ND	9.7600	10.000	ug/L	97.6	86 - 115	86 - 115	
		BOH1458-MSD1	Matrix Spike Duplicate	ND	9.4400	10.000	ug/L	94.4	86 - 115	86 - 115	
1,2-Dichloroethane-d4 (Surrogate)	BOI0044	BOI0044-MS1	Matrix Spike	ND	10.050	10.000	ug/L	100	76 - 114	76 - 114	
		BOI0044-MSD1	Matrix Spike Duplicate	ND	10.020	10.000	ug/L	100	76 - 114	76 - 114	
Toluene-d8 (Surrogate)	BOI0044	BOI0044-MS1	Matrix Spike	ND	9.6700	10.000	ug/L	96.7	88 - 110	88 - 110	
		BOI0044-MSD1	Matrix Spike Duplicate	ND	9.6600	10.000	ug/L	96.6	88 - 110	88 - 110	
4-Bromofluorobenzene (Surrogate)	BOI0044	BOI0044-MS1	Matrix Spike	ND	10.000	10.000	ug/L	100	86 - 115	86 - 115	
		BOI0044-MSD1	Matrix Spike Duplicate	ND	10.070	10.000	ug/L	101	86 - 115	86 - 115	



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Project: 11249
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/27/05 08:40

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										Percent	Percent Recovery
Benzene	BOH1534	BOH1534-MS1	Matrix Spike	ND	53.274	50.000	ug/L	107	107	70 - 130	70 - 130
		BOH1534-MSD1	Matrix Spike Duplicate	ND	51.968	50.000	ug/L	2.84	104	20	70 - 130
Toluene	BOH1534	BOH1534-MS1	Matrix Spike	ND	53.814	50.000	ug/L	108	108	70 - 130	70 - 130
		BOH1534-MSD1	Matrix Spike Duplicate	ND	51.376	50.000	ug/L	4.74	103	20	70 - 130
Ethylbenzene	BOH1534	BOH1534-MS1	Matrix Spike	ND	54.100	50.000	ug/L	108	108	70 - 130	70 - 130
		BOH1534-MSD1	Matrix Spike Duplicate	ND	50.566	50.000	ug/L	6.70	101	20	70 - 130
Methyl t-butyl ether	BOH1534	BOH1534-MS1	Matrix Spike	ND	59.028	50.000	ug/L	118	118	70 - 130	70 - 130
		BOH1534-MSD1	Matrix Spike Duplicate	ND	52.802	50.000	ug/L	10.7	106	20	70 - 130
Total Xylenes	BOH1534	BOH1534-MS1	Matrix Spike	ND	160.85	150.00	ug/L	107	107	70 - 130	70 - 130
		BOH1534-MSD1	Matrix Spike Duplicate	ND	152.17	150.00	ug/L	5.77	101	20	70 - 130
Gasoline Range Organics (C4 - C12)	BOH1534	BOH1534-MS1	Matrix Spike	ND	948.32	1000.0	ug/L	94.8	94.8	70 - 130	70 - 130
		BOH1534-MSD1	Matrix Spike Duplicate	ND	906.93	1000.0	ug/L	4.42	90.7	20	70 - 130
a,a,a-Trifluorotoluene (PID Surrogate)	BOH1534	BOH1534-MS1	Matrix Spike	ND	118.40	120.00	ug/L	98.7	98.7	70 - 130	70 - 130
		BOH1534-MSD1	Matrix Spike Duplicate	ND	126.29	120.00	ug/L	105	105	70 - 130	70 - 130
a,a,a-Trifluorotoluene (PID Surrogate)	BOH1534	BOH1534-MS1	Matrix Spike	ND	118.43	120.00	ug/L	98.7	98.7	70 - 130	70 - 130
		BOH1534-MSD1	Matrix Spike Duplicate	ND	122.31	120.00	ug/L	102	102	70 - 130	70 - 130



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Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	Control Limits		
									Percent	Percent	RPD
1,2-Dichlorethane-d4 (Surrogate)	BOH1458	BOH1458-BS1	LCS	10.160	10.000		ug/L	102	76 - 114		
Toluene-d8 (Surrogate)	BOH1458	BOH1458-BS1	LCS	9.8100	10.000		ug/L	98.1	88 - 110		
4-Bromofluorobenzene (Surrogate)	BOH1458	BOH1458-BS1	LCS	9.3800	10.000		ug/L	93.8	86 - 115		
1,2-Dichlorethane-d4 (Surrogate)	BO10044	BO10044-BS1	LCS	9.7100	10.000		ug/L	97.1	76 - 114		
Toluene-d8 (Surrogate)	BO10044	BO10044-BS1	LCS	9.9100	10.000		ug/L	99.1	88 - 110		
4-Bromofluorobenzene (Surrogate)	BO10044	BO10044-BS1	LCS	9.4800	10.000		ug/L	94.8	86 - 115		



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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	Control Limits		
									Percent Recovery	RPD	Lab Quals
Benzene	BOH1534	BOH1534-BS1	LCS	53.054	50.000	0.30	ug/L	106	85 - 115		
Toluene	BOH1534	BOH1534-BS1	LCS	52.533	50.000	0.30	ug/L	105	85 - 115		
Ethylbenzene	BOH1534	BOH1534-BS1	LCS	52.060	50.000	0.30	ug/L	104	85 - 115		
Methyl t-butyl ether	BOH1534	BOH1534-BS1	LCS	53.634	50.000	1.0	ug/L	107	85 - 115		
Total Xylenes	BOH1534	BOH1534-BS1	LCS	159.24	150.00	0.60	ug/L	106	85 - 115		
Gasoline Range Organics (C4 - C12)	BOH1534	BOH1534-BS1	LCS	855.19	1000.0	50	ug/L	85.5	85 - 115		
a,a-Trifluorotoluene (PID Surrogate)	BOH1534	BOH1534-BS1	LCS	118.58	120.00		ug/L	98.8	70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BOH1534	BOH1534-BS1	LCS	118.78	120.00		ug/L	99.0	70 - 130		



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Reported: 09/27/05 08:40

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dibromoethane	BOH1458	BOH1458-BLK1	ND	ug/L	0.50	0.16	
1,2-Dichloroethane	BOH1458	BOH1458-BLK1	ND	ug/L	0.50	0.25	
Methyl t-butyl ether	BOH1458	BOH1458-BLK1	ND	ug/L	0.50	0.15	
t-Amyl Methyl ether	BOH1458	BOH1458-BLK1	ND	ug/L	0.50	0.31	
t-Butyl alcohol	BOH1458	BOH1458-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BOH1458	BOH1458-BLK1	ND	ug/L	0.50	0.23	
Ethanol	BOH1458	BOH1458-BLK1	ND	ug/L	1000	110	
Ethyl t-butyl ether	BOH1458	BOH1458-BLK1	ND	ug/L	0.50	0.27	
1,2-Dichloroethane-d4 (Surrogate)	BOH1458	BOH1458-BLK1	106	%	76 - 114	(LCL - UCL)	
Toluene-d8 (Surrogate)	BOH1458	BOH1458-BLK1	100	%	88 - 110	(LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BOH1458	BOH1458-BLK1	90.9	%	86 - 115	(LCL - UCL)	
1,2-Dibromoethane	BO10044	BO10044-BLK1	ND	ug/L	0.50	0.11	
1,2-Dichloroethane	BO10044	BO10044-BLK1	ND	ug/L	0.50	0.25	
Methyl t-butyl ether	BO10044	BO10044-BLK1	ND	ug/L	0.50	0.15	
t-Amyl Methyl ether	BO10044	BO10044-BLK1	ND	ug/L	0.50	0.31	
t-Butyl alcohol	BO10044	BO10044-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BO10044	BO10044-BLK1	ND	ug/L	0.50	0.25	
Ethanol	BO10044	BO10044-BLK1	ND	ug/L	1000	110	
Ethyl t-butyl ether	BO10044	BO10044-BLK1	ND	ug/L	0.50	0.27	
1,2-Dichloroethane-d4 (Surrogate)	BO10044	BO10044-BLK1	96.6	%	76 - 114	(LCL - UCL)	
Toluene-d8 (Surrogate)	BO10044	BO10044-BLK1	95.8	%	88 - 110	(LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BO10044	BO10044-BLK1	88.3	%	86 - 115	(LCL - UCL)	



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Project: 11249
Project Number: [none]
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Reported: 09/27/05 08:40

Purgeable Aromatics and Total Petroleum Hydrocarbons Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BOH1534	BOH1534-BLK1	ND	ug/L	0.30	0.13	
Toluene	BOH1534	BOH1534-BLK1	ND	ug/L	0.30	0.15	
Ethylbenzene	BOH1534	BOH1534-BLK1	ND	ug/L	0.30	0.13	
Methyl t-butyl ether	BOH1534	BOH1534-BLK1	ND	ug/L	1.0	0.37	
Total Xylenes	BOH1534	BOH1534-BLK1	ND	ug/L	0.60	0.51	
Gasoline Range Organics (C4 - C12)	BOH1534	BOH1534-BLK1	ND	ug/L	50	14	
a,a,a-Trifluorotoluene (PID Surrogate)	BOH1534	BOH1534-BLK1	85.6	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BOH1534	BOH1534-BLK1	87.6	%	70 - 130 (LCL - UCL)		



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Project: 11249
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Reported: 09/27/05 08:40

Notes and Definitions

J	Estimated value
A53	Chromatogram not typical of gasoline.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Submission #: OS-844

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest
 Box

None
 Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments:
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No

Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID: R/W
 Temperature: 4.0 °C
 Thermometer ID: 48

Emissivity .97
 Container VOA

Date/Time 8/23/522-
 Analyst Init AKM

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A	A								
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE.										

Comments: _____

Sample Numbering Completed By: O NFI Date/Time: 8/24/05 0905

Submission #: 05-844

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest
 Box

None
 Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No

Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID: R/W
 Temperature: 4.0 °C
 Thermometer ID: 48

Emissivity .97
 Container VOA

Date/Time 8/23/5220
 Analyst Init AKM

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A 9	A 9	A 9	A 9	A 9	A 9	A 9	A 9	A 9	A 9
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE.										

Comments: -9/5 VOAs have diff. description but same time do not use unless spkn to client serv.
 Sample Numbering Completed By: NP Date/Time: 8/24/105 0905 Vanessa



Chain of Custody Form

PLEASE COMPLETE:
BCL QUOTE ID:

Analysis Requested			
Comments:		Project #: <i>Coronado Park</i>	
Attn: <i>Tyler Johnson</i> Street Address: 21 Kellynay Dr. City, State, Zip: <i>Temecula, CA 92590</i> Phone: <i>(951) 668-0210 Fax: (951) 753-0111</i> Email Address: <i>a.friberg@bc-labs.com</i> Submittal #: 05-844		Project Name: <i>Coronado Park</i> Project Code: <i>11249</i> Sampler(s): <i>Drs., Melissa</i> # of work days * Turnaround <i>9 days</i> Are there any tests with holding times less than or equal to 48 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No * Standard Turnaround = 15 work days	
Sample #	Description	Date Sampled	Time Sampled
-1	Muv - 5	08/23/05	08:15
-2	Muv - 3		08:28
-3	Muv - 10		08:38
-4	Muv - 1		08:48
-5	Muv - 2		08:56
-6	Muv - 4		09:07
-7	Muv - 8P		08:36
-8	Muv - 7D		08:43
-9	Muv - 6		08:53
-10	Muv - 8S		09:01
-11	Muv - 7		09:13
Report Drinking Waters on State Form? <input checked="" type="checkbox"/> Same as above			
Client: <i>Mr. B. Miller</i> Address: _____ City: _____ State: _____ Zip: _____ PO#:		Sample Disposal 1. Relinquished By: <i>John Miller</i> Date: <i>08/23/05</i> Time: <i>12:30</i> 2. Relinquished By: <i>John Miller</i> Date: <i>08/23/05</i> Time: <i>16:05</i> 3. Relinquished By: <i>John Miller</i> Date: <i>08/23/05</i> Time: <i>18:55</i>	
Billing Client: _____ Send Copy to State of CA? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Special Reporting <input type="checkbox"/> ac <input type="checkbox"/> WIP <input type="checkbox"/> Raw Data			
Date Received By: <i>John Miller</i> / <i>8/23/05</i>			

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R -149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.